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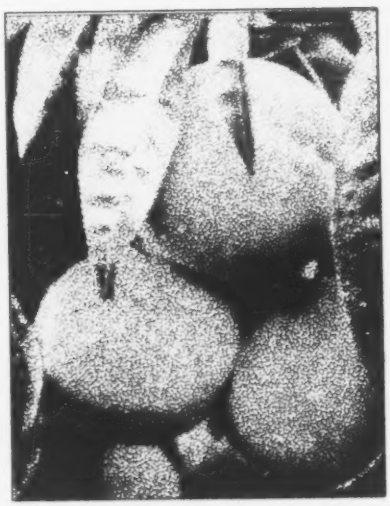
West Virginia
AGRICULTURAL STATISTICS
1991



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JULY 1991

WEST VIRGINIA AGRICULTURAL STATISTICS

ANNUAL BULLETIN NO. 22

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Compiled and published by the
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A Cooperative Function Of

West Virginia Department of Agriculture
Cleve Benedict, Commissioner

and

U.S. Department of Agriculture
National Agricultural Statistics Service
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* * * * * *

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Agriculture in West Virginia continues to grow and expand.

Crop and livestock cash receipts have increased every year since 1987 and in 1990 rose to $338.1 million, up from $310.3 million in 1989, a 9 percent increase.

This increase, when combined with the increases of the past two years, shows that agriculture in our state, despite some setbacks, is in good shape. Several early freezes in 1990, on the heels of 1988's drought, adversely affected fruit production. Despite this, fruit production was still 153 million pounds, 23 percent greater than 1989.

Livestock and livestock product cash receipts totaled $268.6 million, 7 percent higher than the $250 million total in 1989. Performance Advantage Sales and veterinary certified sales have helped bring higher prices for livestock, as the average price per hundredweight rose 5 percent for calves and 13.9 percent for cattle. The value of production of livestock increased 16 percent to $130.4 million in 1990.

Poultry showed another significant increase in 1990, with cash receipts up 12 percent from 1989. Expansion and growth in the poultry industry continue, as poultry now accounts for 34 percent of the livestock and livestock products cash receipts total, compared with 25 percent in 1987.

It is disappointing to note that the number of farms in West Virginia dropped 2 percent to 20,000 on June 1, 1990. Although the amount of land in farm acreage remained at 3.7 million acres, this decrease in the number of farms is part of a national trend.

There continue to be many challenges facing agriculture in West Virginia. The West Virginia Department of Agriculture is committed to meeting those challenges and providing professional expertise to attract buyers to the state and the technical expertise to help farmers with herd health, soil and farm management.

Kind regards,

Cleve Benedict
Commissioner of Agriculture

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West Virginia reaped the benefits of adequate rainfall and excellent cattle prices in 1990. All crops yielded per acre increases; however, lower prices partially offset the increased output of grain crops. The fruits were damaged by spring freeze for a second year, with peaches nearly a complete loss, while apples were about sixty percent of a normal crop.

Excellent grazing throughout the growing season provided the feed for increased beef production in West Virginia and combined with near record high cattle prices, enabled cattlemen to enjoy a profitable year. The lamb and wool prices fell sharply from 1989 levels bringing losses for many sheep producers. The dairy situation also turned negative as milk prices fell from record highs in 1989 to unprofitable levels by the last quarter of 1990.

The poultry industry continues to expand along the Virginia border. Turkey and broiler production increased 34 and 16 percent respectively during 1990, providing excellent opportunity for farmers in eastern West Virginia.

The apple and peach crops were limited by spring freezes the last two years. The 1989 apple and peach crops were one-half of normal production. The 1990 apple production was about sixty percent of normal, while the peach production was only about fifteen percent of normal output.

Farmers continue to be challenged by nature in efforts to increase output and by economic forces when they enter the market place to purchase inputs or sell products. The management of agricultural production assets and the marketing of crops, livestock and products are requiring greater portions of farmer's time. Equipment innovations and crop breeding have increased the capacity to produce, but the marketing skills of farmers are becoming more critical to maintain profitability.

James J. Brueggen
State Statistician

GENERAL

West Virginia's Rank In The Nation's Agriculture—1990

Crops, Livestock and Livestock Products	Rank Among States	Production	Unit	Value of Production	Leading State
Apples	10	150,000,000	Lbs.	14,420,000	Washington
Peaches	19	3,000,000	Lbs.	830,000	California
Tobacco	15	2,880,000	Lbs.	3,114,000	North Carolina
Corn for Grain	36	5,250,000	Bu.	11,550,000	Iowa
Corn for Silage	32	570,000	Tons	-	Wisconsin
Alfalfa	33	192,000	Tons	-	Wisconsin
Other Hay	23	950,000	Tons	-	Texas
All Hay	32	1,142,000	Tons	81,082,000	Wisconsin
Oats for Grain	32	342,000	Bu.	393,000	Iowa
Winter Wheat	41	552,000	Bu.	1,490,000	Kansas
Sheep & Lambs	28	6,620,000	Lbs.	2,862,000	Texas
Wool	29	447,000	Lbs.	161,000	Texas
Hogs & Pigs	36	14,800,000	Lbs.	7,760,000	Iowa
Cattle & Calves	39	171,515,000	Lbs.	130,352,000	Texas
Eggs	43	136,000,000	Eggs	11,787,000	California
Milk & Milk Products	44	270,000,000	Lbs.	39,611,000	Wisconsin

Number of Farms, Land In Farms, and Average Size West Virginia and the Nation, 1982-1990 [1/]

Year	West Virginia			United States		
	Number of Farms	Land In Farms	Average Size of Farm	Number of Farms	Land In Farms	Average Size of Farm
	-- (000) --	-- (000) Acres --	-- Acres --	-- (000) --	-- (000) Acres --	-- Acres --
1982	22,300	4,300	193	2,407	1,027,795	427
1983	22,800	4,000	175	2,379	1,023,425	430
1984	22,000	3,800	173	2,334	1,017,803	436
1985	21,000	3,600	171	2,293	1,012,073	441
1986	21,000	3,700	176	2,250	1,005,333	447
1987	21,000	3,700	176	2,213	998,923	451
1988	21,000	3,700	176	2,197	994,543	453
1989	21,000	3,700	176	2,171 [2/]	991,153 [2/]	457 [2/]
1990	20,500	3,700	181	2,143	987,721	461

[1/] A Farm is an establishment that as of June 1 sold or would normally have sold $1,000 or more of agricultural products during the year.
[2/] Revised.

LAND VALUES: Average Value Per Acre of Farmland and Buildings, Selected States, 1985-91 [1/]

State	As of April 1	As of February 1				As of January 1		Percent Change
	1985	1986	1987	1988	1989	1990	1991	1990-91
	-- Dollars --							-- Percent --
Appalachia	1,035	1,025	1,004	1,037	1,077	1,111	1,060	-5
West Virginia	607	616	633	682	702	613	625	2
Virginia	1,112	1,179	1,154	1,198	1,333	1,516	1,295	-15
North Carolina	1,331	1,254	1,259	1,263	1,317	1,263	1,243	-2
Kentucky	955	941	878	896	911	981	962	-2
Tennessee	944	935	936	1,001	1,002	996	988	-1

[1/] 1985-1990 revised.

WEST VIRGINIA AGRICULTURAL STATISTICS
RECORD HIGHS AND LOWS

Item	Unit	Record High		Record Low		Year Record Started
		Quantity	Year [1]	Quantity	Year [1]	
ALL CORN						
Harvested for grain	(000) Acres	729	1900	40	1988	1879
Grain yield	Bushels	105.0	1990	12.5	1930	1879
Grain production	(000) Bushels	19,683	1896	2,256	1966	1879
Harvested for silage	(000) Acres	43	1977	9	1946	1919
Silage yield	Tons	17.0	1985	4.5	1930	1919
Silage production	(000) Tons	636	1980	88	1944	1919
Forage [2]	(000) Acres	16	1924	1	1981	1919
ALL HAY						
Harvested	(000) Acres	844	1943	550	1988	1909
Yield	Tons	2.04	1990	.50	1911	1909
Production	(000) Tons	1,230	1985	334	1911	1909
OTHER HAY						
Harvested	(000) Acres	540	1983	90	1919	1919
Yield	Tons	1.90	1990	.55	1930	1919
Production	(000) Tons	950	1990	67	1930	1919
ALFALFA						
Harvested	(000) Acres	140	1956	5	1921	1919
Yield	Tons	3.20	1990	1.05	1930	1919
Production	(000) Tons	330	1985	8	1930	1919
ALL WHEAT						
Harvested	(000) Acres	448	1899	8	1985	1866
Yield	Bushels	46.0	1990	6.0	1885	1866
Production	(000) Bushels	5,535	1897	279	1973	1866
OATS						
Harvested	(000) Acres	188	1921	6	1990	1866
Yield	Bushels	61.0	1985	10.0	1890	1866
Production	(000) Bushels	4,784	1920	288	1988	1866
TOBACCO						
Harvested	(000) Acres	19.0	1910	1.2	1980	1866
Yield	Pounds	2,020	1977	420	1887	1866
Production	(000) Pounds	14,400	1909	1,160	1867	1866
CATTLE						
All Cattle & Calves Jan.1	(000) Head	628	1944	362	1868	1867
Milk Cows, Jan. 1 [3]	(000) Head	262	1935	24	1991	1867
Calves born	(000) Head	286	1955	176	1927	1924
HOGS						
All Hogs, Dec. 1	(000) Head	425	1880	30	1990	1867
All Sows farrowed						
Dec.-May farrowed	(000) Head	32	1943	2.4	1986	1924
June-Nov. farrowed	(000) Head	40	1943	1.6	1985	1924
Total Pigs	(000) Head	497	1943	30	1985	1924
SHEEP						
All Sheep & Lambs, Jan. 1	(000) Head	800	1885	76	1985	1867
Lambs born	(000) Head	558	1933	69	1989	1924
CHICKENS	(000) Head	5,451	1944	670	1986	1924

[1] In case of a tie, the most recent year was used.
[2] Estimate discontinued in 1987.
[3] Prior to 1970 was cows two years old and older. Since 1970, cows calved.

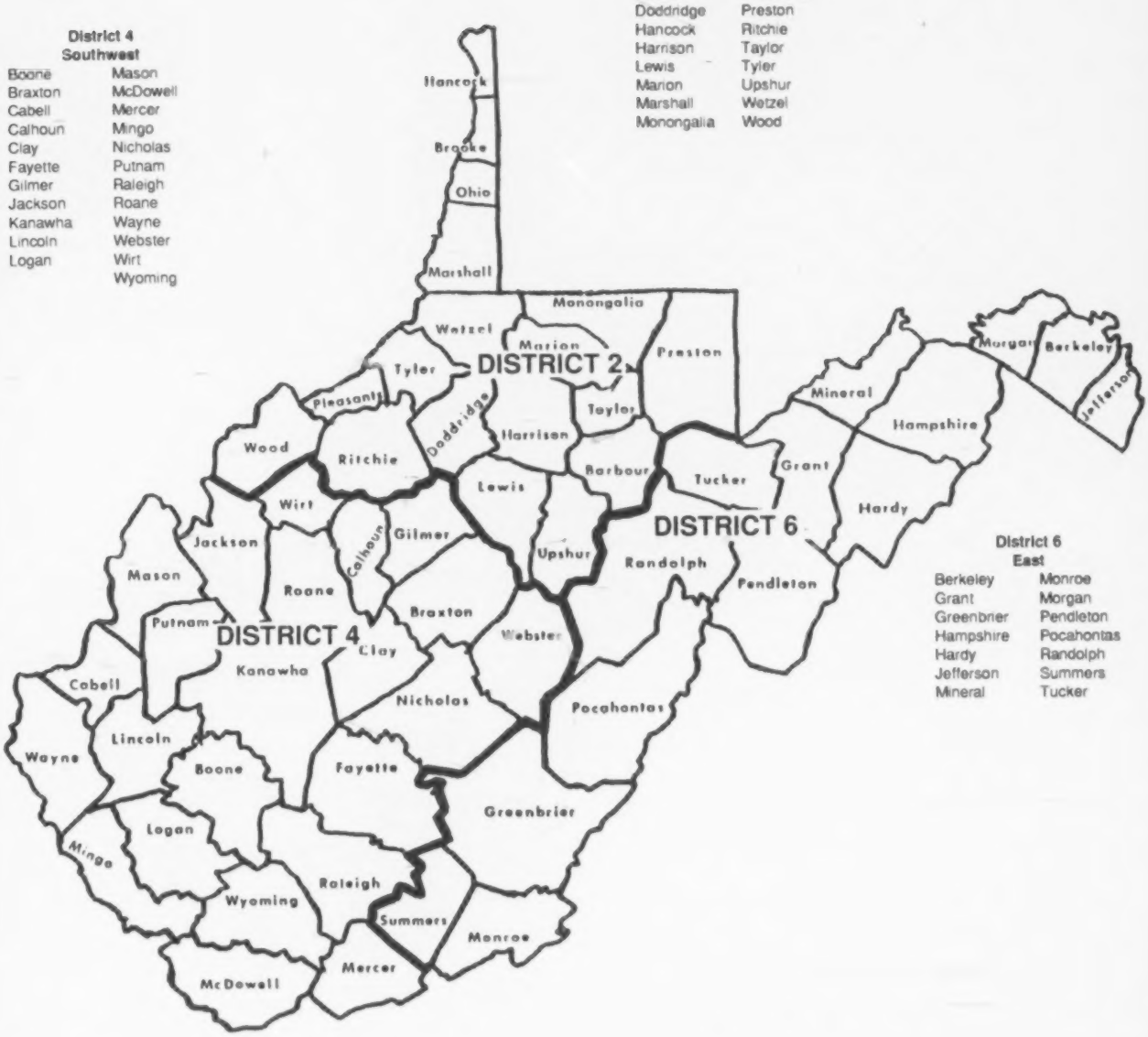
WEST VIRGINIA COUNTY RANKINGS
1990 CROP AND LIVESTOCK PRODUCTION

County	Hay	Corn [1]	Wheat	Oats	Tobacco	All Cattle	Milk Cows	Hogs	Sheep	Wool	Chickens
Barbour	17	-	*21	*19	-	15	*15	*25	*24	*24	*31
Berkeley	8	4	2	3	-	10	5	1	*19	21	3
Boone	52	-	-	-	-	54	-	-	-	-	*38
Braxton	25	-	-	-	-	19	*33	*21	15	16	25
Brooke	42	-	-	13	-	*46	*17	-	*37	26	*52
Cabell	43	-	17	*28	4	41	*39	*21	*44	*42	*34
Calhoun	38	-	-	-	-	40	-	-	-	-	*42
Clay	46	-	-	-	-	*46	-	-	-	-	49
Doddridge	*34	-	-	-	-	37	*39	*42	33	*29	*40
Fayette	41	-	-	26	-	35	*25	*34	*24	*29	50
Gilmer	30	-	-	-	-	30	*39	40	17	17	*46
Grant	12	19	20	*21	-	11	30	12	6	5	* 4
Greenbrier	1	8	7	7	-	1	6	9	7	7	*13
Hampshire	5	9	6	4	-	9	*28	6	9	8	2
Hancock	47	-	12	12	-	50	-	36	40	*38	15
Hardy	11	5	4	8	-	3	10	2	4	4	1
Harrison	14	-	-	-	-	12	14	18	*27	23	17
Jackson	13	14	19	20	5	14	*25	*15	16	15	19
Jefferson	7	1	1	2	-	7	1	4	14	12	10
Kanawha	48	-	-	-	-	*44	-	*29	43	*40	12
Lewis	18	-	24	-	-	16	*21	*21	10	11	*20
Lincoln	49	-	23	-	2	43	*33	*29	-	-	*22
Logan	53	-	-	-	-	52	38	-	-	-	54
Marion	*31	-	-	-	-	*26	16	*31	*27	*38	*28
Marshall	19	22	*26	23	-	*21	7	24	13	13	18
Mason	10	2	3	10	1	6	2	5	*24	*24	6
McDowell	-	-	-	-	-	55	-	-	-	-	55
Mercer	23	-	-	17	-	29	-	*31	*27	*27	*34
Mineral	*15	16	14	16	-	28	11	13	*11	10	* 4
Mingo	-	-	-	-	-	53	-	46	-	-	*46
Monongalia	20	-	25	*21	-	24	24	*25	*11	14	16
Monroe	3	3	5	5	6	2	4	11	5	6	*13
Morgan	39	15	8	11	-	*44	*31	*25	-	-	*28
Nicholas	28	-	-	-	-	*21	19	33	*27	35	7
Ohio	36	13	16	9	-	38	8	*15	*37	*29	*42
Pendleton	4	7	*13	14	-	4	*15	3	1	1	8
Pleasants	45	18	-	-	-	48	-	-	-	-	51
Pocahontas	9	12	15	6	-	8	*21	10	2	2	11
Preston	2	6	*13	1	-	5	3	7	8	9	9
Putnam	*34	17	11	*28	3	31	*33	*19	35	34	*26
Raleigh	37	-	-	*28	-	33	*39	*19	36	36	*42
Randolph	6	10	10	15	-	13	9	8	3	3	*42
Ritchie	24	-	-	-	-	20	*33	*34	*27	*27	*31
Roane	*15	-	-	-	8	17	*39	*37	18	19	*26
Summers	22	-	18	18	-	*26	13	*37	34	37	*31
Taylor	27	-	-	24	-	25	*28	*42	*41	*42	*52
Tucker	*31	-	-	*19	-	36	*33	*37	*19	20	*22
Tyler	33	20	*26	27	-	32	12	*15	22	*29	*40
Upshur	26	-	-	-	-	23	*25	41	32	*29	24
Wayne	44	21	*21	-	7	39	*17	45	*44	-	*46
Webster	50	-	-	-	-	49	*39	-	39	*40	30
Wetzel	40	-	-	-	-	42	*31	28	*19	18	*38
Wirt	29	-	-	-	9	34	20	*42	*41	*42	*34
Wood	21	11	9	25	-	18	*21	14	23	22	*20
Wyoming	51	-	-	-	-	51	-	-	-	-	*34

[1] Ranking based on Corn for Grain production.
* Tie

WEST VIRGINIA

Crop Reporting Districts



District 2
Northwest

Barbour	Ohio
Brooke	Pleasants
Doddridge	Preston
Hancock	Ritchie
Harrison	Taylor
Lewis	Tyler
Marion	Upshur
Marshall	Wetzel
Monongalia	Wood

District 4
Southwest

Boone	Mason
Braxton	McDowell
Cabell	Mercer
Calhoun	Mingo
Clay	Nicholas
Fayette	Putnam
Gilmer	Raleigh
Jackson	Roane
Kanawha	Wayne
Lincoln	Webster
Logan	Wirt
	Wyoming

District 6
East

Berkeley	Monroe
Grant	Morgan
Greenbrier	Pendleton
Hampshire	Pocahontas
Hardy	Randolph
Jefferson	Summers
Mineral	Tucker

1990 WEATHER SUMMARY

TEMPERATURES: Temperatures in West Virginia during 1990 were generally above normal. Annual averages for the 15 reporting stations across the State ranged from .48 degrees to 3.9 degrees above normal.

Temperatures during the winter of 1990 were generally above normal. Readings were 1 to 18 degrees above normal for January and February. March temperatures ranged from 13 degrees below zero for a low, to a high of 91 degrees. April's temperatures varied greatly -- the first through the third week had temperatures below normal, while the last week observed temperatures above normal. Snow flurries were received by some regions in May. Summer and Fall temperatures ranged from 4 degrees below normal in August to 14 degrees above normal in November. Temperatures averaged slightly above normal for December. Unseasonably warm weather was mixed with some cold snaps throughout the month. Record high temperatures were recorded in many areas.

PRECIPITATION: West Virginia received less rainfall in 1990 compared to 1989, which was considered one of the wettest years in recent times. Total precipitation for the year was approximately 48.00 inches, 7.37 inches above normal. In 1989, a total of 59.92 inches fell, averaging 8.69 inches above normal. Precipitation during the winter was generally below normal except in December when snow was received in the higher elevations. Precipitation for April through August ranged from a low of zero rainfall to a high of 3.9 inches received in May. The rest of the year received above normal precipitation. Remnants of two tropical storms passing through the State brought localized flooding during the second week of October.

FREEZE DATES: Last Freeze Temperature In Spring and First In Fall, By State Divisions, 1988-1990

Division & Station	1988		1989		1990	
	Last In Spring	First In Fall	Last In Spring	First In Fall	Last In Spring	First In Fall
NORTH CENTRAL & NORTHWESTERN						
Weston	May 2	Oct. 6	May 8	Oct. 5	April 20	Oct. 22
Fairmont	April 20	Oct. 6	April 24	Oct. 23	April 18	Oct. 20
Middlebourne	May 2	Oct. 6	May 4	Oct. 5	April 19	Oct. 20
Parkersburg	April 20	Oct. 6	April 20	Oct. 9	April 19	Oct. 26
Creston [1]	April 26	Msg	April 25	Nov. 4	April 20	Oct. 20
SOUTHWESTERN & SOUTHERN						
Huntington	April 25	Oct. 6	April 14	Nov. 3	April 19	Oct. 27
Charleston	April 25	Oct. 9	April 20	Nov. 3	April 19	Oct. 20
Logan	April 21	Oct. 13	April 14	Nov. 4	April 19	Nov. 13
Union	May 26	Oct. 6	May 12	Sept. 24	April 19	Sept. 18
Beckley	April 25	Oct. 5	May 8	Sept. 24	April 18	Oct. 26
EAST CENTRAL & NORTHEASTERN						
Buckeye	May 3	Oct. 6	May 8	Oct. 5	April 20	Oct. 20
Elkins	May 26	Oct. 6	May 9	Sept. 27	April 23	Sept. 25
Bayard	June 10	Oct. 6	May 7	Sept. 24	May 12	Sept. 18
Wardensville	May 1	Oct. 5	May 4	Sept. 24	April 20	Oct. 20
Martinsburg	April 26	Oct. 7	April 23	Sept. 28	April 19	Oct. 20

Msg - Indicates available data insufficient to determine date.
[1] N. Cumberland for 1988.
Source: National Oceanic Atmospheric Administration, Department of Commerce.

MONTHLY AND ANNUAL AVERAGE TEMPERATURES:
By State Divisions and Selected Stations, January-December, 1990

Division & Station	County	January	February	March	April	May	June
				-- Fahrenheit --			
NORTH CENTRAL & NORTHWESTERN							
Weston	Lewis	36.6	38.9	44.0	49.8	57.8	66.6
Fairmont	Marion	39.2	39.6	46.4	50.5	57.7	66.8
Middlebourne	Tyler	39.3	40.6	46.8	52.0	59.7	69.0
Parkersburg	Wood	40.3	40.7	49.0	52.9	59.8	70.6
Creston	Wirt	37.8	39.9	45.6	50.7	59.7	68.7
SOUTHWESTERN & SOUTHERN							
Huntington	Cabell	42.1	43.9	51.3	54.9	62.8	72.2
Charleston	Kanawha	42.3	45.2	51.7	55.1	62.9	72.3
Logan	Logan	42.2	45.9	51.3	55.7	64.3	73.3
Union	Monroe	40.0	43.3	47.3	51.9	60.7	67.8
Beckley	Raleigh	38.6	41.7	46.3	51.1	59.5	67.2
EAST CENTRAL & NORTHEASTERN							
Buckeye	Pocahontas	33.5	36.7	43.1	47.0	56.4	64.7
Elkins	Randolph	35.7	37.7	44.3	48.3	56.8	65.7
Bayard	Grant	36.3	37.5	41.5	47.7	55.2	M
Wardensville	Hardy	37.7	39.0	44.8	50.7	58.9	68.9
Martinsburg	Berkeley	40.2	40.4	46.2	53.2	60.3	71.1

Division & Station	July	August	September	October	November	December	Annual Average	Departure from Normal
				-- Fahrenheit --				
NORTH CENTRAL & NORTHWESTERN								
Weston	71.1	70.4	64.3	52.6	43.8	36.2	52.7	.5
Fairmont	70.7	69.8	63.8	53.7	46.5	38.2	53.6	1.3
Middlebourne	73.3	71.5	66.1	55.5	47.5	40.0	55.1	3.0
Parkersburg	73.0	72.3	66.7	56.2	48.4	40.7	55.9	2.3
Creston	74.0	72.9	67.0	54.9	46.7	38.9	54.7	M
SOUTHWESTERN & SOUTHERN								
Huntington	75.7	73.1	68.2	57.1	50.4	43.1	57.9	2.8
Charleston	75.8	74.1	68.7	58.2	50.7	43.6	58.4	3.6
Logan	77.6	75.9	69.8	58.1	50.1	42.6	58.9	M
Union	71.6	69.9	63.7	54.5	46.1	40.0	54.7	3.9
Beckley	70.6	69.9	63.6	54.7	47.6	41.0	54.3	3.3
EAST CENTRAL & NORTHEASTERN								
Buckeye	69.4	69.0	62.0	52.3	42.7	35.1	51.0	M
Elkins	69.9	70.0	63.0	52.2	42.9	38.5	52.1	2.7
Bayard	67.3	66.1	60.2	51.8	43.2	37.1	49.5 [1/]	3.9
Wardensville	72.5	70.1	64.6	55.3	46.1	38.0	53.4	2.5
Martinsburg	75.1	72.3	64.9	57.0	47.6	39.0	55.6	2.4

M Insufficient or partial data.
[1/] Average temperature for 11 months.
SOURCE: National Oceanic Atmospheric Administration, Department of Commerce.

MONTHLY AND ANNUAL PRECIPITATION:
By State Divisions and Selected Stations, January-December, 1990

Division & Station	County	January	February	March	April	May	June
				-- Inches --			
NORTH CENTRAL & NORTHWESTERN							
Weston	Lewis	3.95	4.15	2.10 M	2.78	6.84	5.28
Fairmont	Marion	2.70	3.43	1.56	2.56 M	7.37	5.89
Middlebourne	Tyler	3.38	4.39	2.32	2.24	7.37	5.96
Parkersburg	Wood	3.39	3.43	2.32	2.39	8.40	4.29
Creston	Wirt	3.99	3.65	2.65	3.36	5.71	5.52
SOUTHWESTERN & SOUTHERN							
Huntington	Cabell	3.15	3.35	2.44	3.21	8.29	4.18
Charleston	Kanawha	2.86	3.74	1.94	2.89	4.89	3.01
Logan	Logan	3.06 M	4.61	2.98	4.04	4.37	2.92
Union	Monroe	2.43	3.74	3.32	2.54	4.68	2.74
Beckley	Raleigh	2.94	4.71	2.26	3.31	3.53	3.09
EAST CENTRAL & NORTHEASTERN							
Buckeye	Pocahontas	4.67	4.54	2.78	2.75	6.70	1.70
Elkins	Randolph	3.62	2.87	2.25	3.72	7.03	4.01
Bayard	Grant	4.49	3.42	1.17	3.51	8.21	M
Wardensville	Hardy	2.29	1.16	1.40	1.75	4.00	1.05
Martinsburg	Berkeley	2.52	1.42	1.55	2.85	6.29	.70

Division & Station	July	August	September	October	November	December	Annual Total	Departure from Normal
				-- Inches --				
NORTH CENTRAL & NORTHWESTERN								
Weston	7.10	3.28	3.42	4.15 M	2.62	7.79	53.46 M	4.75
Fairmont	4.33	3.48	5.95	4.14	2.34	9.06	52.81 M	10.74
Middlebourne	5.21	3.54	5.40	5.37	2.60	7.22	55.00	11.79
Parkersburg	6.54	7.00	3.40	4.34	2.52	8.10	56.12	15.45
Creston	7.53	6.30	1.44	4.84	2.48	8.33	55.8	11.95
SOUTHWESTERN & SOUTHERN								
Huntington	4.19	3.71	5.35	3.47	2.51	8.07	51.92	11.18
Charleston	5.35	2.54	4.26	3.51	2.07	7.01	44.07	1.62
Logan	5.44	5.87	2.32	3.50	1.99	7.00	48.10	M
Union	3.42	5.47	1.31	4.93 M	1.22	4.60	40.40	2.69
Beckley	3.61	3.50	1.94	5.91	1.66	5.26	41.72	-0.41
EAST CENTRAL & NORTHEASTERN								
Buckeye	4.30	7.94	2.23	6.47	1.78	6.52	52.38	10.27
Elkins	4.01	3.25	4.11	3.31	1.66	6.12	45.96	3.11
Bayard	6.75	2.95	3.57	4.00	1.63	6.63	46.33	2.69
Wardensville	6.83	4.35	1.89	6.09	.94	2.58	34.33	-3.8
Martinsburg	4.22	4.99	2.78	9.50	.97	3.80	41.59	5.15

M Insufficient or partial data.
SOURCE: National Oceanic Atmospheric Administration, Department of Commerce.

1990 FIELD CROP SUMMARY

GENERAL: During 1990, all principal crop yields except corn for silage were above the 1989 average yield. Record high yields for hay, corn and wheat were recorded. Warmer than average weather conditions in April allowed corn and oats to progress faster than they had in 1989. Tobacco plants displayed bluemold and black shank due to excessive rains received during mid-July. Hay cutting moved ahead of schedule in September. Wheat planting was ahead of 1989, while tobacco harvest was reported to be behind the 1989 schedule in October. Some pastures were still being grazed in December.

ALL HAY: All hay production in West Virginia totaled 1.14 million tons, up 10 percent from the previous year. Yield of all hay averaged 2.04 tons per acre, compared to 1.85 tons per acre in 1989. Area harvested of all hay in 1990 was 560,000 acres, the same as previous year.

ALFALFA AND ALFALFA MIXTURES: Alfalfa hay production totaled 192,000 tons, down 5.7 percent from 1989. The yield averaged 3.20 tons per acre in 1990, compared to 2.90 tons per acre the previous year. Area harvested was 60,000 acres, down 10,000 acres from 1989.

ALL OTHER HAY: All other hay production totaled 950,000 tons, up 14 percent from a year ago. Yield per acre of all other hay was 1.90 tons, up from 1.70 tons per acre in 1989. Area harvested was 500,000 acres, up 10,000 acres from 1989.

CORN: West Virginia corn growers planted 90,000 acres of corn in 1990, up 5,000 from 1989. The corn area harvested for grain was 50,000 acres, up from 46,000 acres in 1989. Grain production was estimated at 5,250,000 bushels, up 17 percent from the previous year. The yield was 105 bushels per acre, up 10 bushels per acre from 1989. Corn silage was cut from 38,000 acres in 1990, the same as last year. The average yield for silage corn was 15.0 tons per acre, down .5 ton or 3 percent from 1989.

WINTER WHEAT: Production of winter wheat was 552,000 bushels, an increase of 7 percent from 1989, while acres harvested remained the same. The yield was 46.0 bushels per acre, up 3 bushels from 1989.

OATS: West Virginia oats production was estimated at 342,000 bushels, up 42,000 bushels from 1989. Oats planted area was 10,000 acres in 1990, and the area harvested was 6,000 acres, both unchanged from the previous year. The oats yield was 57 bushels per acre, up 7 bushels from 1989.

TOBACCO (Burley): Burley tobacco production was 2.72 million pounds for 1990, up 44 percent from 1989. Tobacco producers harvested 1,700 acres, 250 acres greater than the previous year. Yield per acre for burley tobacco averaged 1,600 pounds, up 300 pounds from 1989.

HAY: Acreage, Yield and Production, By Kinds, 1981-1990

Year	Alfalfa & Alfalfa Mixtures			All Other Hay		
	Acreage	Yield Per Acre	Production	Acreage	Yield Per Acre	Production
	-- (000) Acres --	-- Tons --	-- (000) Tons --	-- (000) Acres --	-- Tons --	-- (000) Tons --
1981	80	2.45	196	540	1.15	621
1982	90	2.60	234	540	1.20	648
1983	100	2.70	270	540	1.10	594
1984	100	2.80	280	530	1.60	848
1985	110	3.00	330	500	1.80	900
1986	90	2.50	225	480	1.20	576
1987	80	2.80	224	470	1.40	658
1988	70	2.30	161	480	1.30	624
1989	70	2.90	203	490	1.70	833
1990	60	3.20	192	500	1.90	950

ALL HAY: Acreage, Yield, Production, Value and Stocks, 1981-1990

Year	Production					On Farm Hay Stocks [1]	
	Acreage Harvested	Yield Per Acre	Total	Avg. Price Per Ton	Value of Production	January 1 [2]	May 1
	-- (000) Acres --	-- Tons --	-- (000) Tons --	-- Dollars --		-- (000) Tons --	
1981	620	1.32	817	63.00	51,471	637	106
1982	630	1.40	882	64.00	56,448	706	123
1983	640	1.35	864	71.00	61,344	657	190
1984	630	1.79	1,128	70.00	78,960	790	192
1985	610	2.02	1,230	60.00	73,800	800	172
1986	570	1.41	801	55.00	44,055	761	128
1987	550	1.60	882	59.00	52,038	794	132
1988	550	1.43	785	78.00	61,230	667	133
1989	560	1.85	1,036	74.50	77,182	984	228
1990	560	2.04	1,142	71.00	81,082	1,028	250

[1] Stored the following year.
[2] Survey date changed to December 1, beginning in 1986

PASTURE CONDITION: Percent of Normal, April-November, 1981-1990

Year	April	May	June	July	Aug.	Sept.	Oct.	Nov.
	-- Percent of Normal First of Month --							
1981	71	85	88	93	89	74	77	72
1982	78	72	72	84	84	83	75	73
1983	79	76	90	90	78	54	52	62
1984	71	75	86	74	81	87	74	79
1985	85	83	89	90	87	88	64	71
1986	[1]	71	76	68	70	64	71	66
1987	-	83	90	85	69	36	69	70
1988	-	77	89	45	43	49	65	72
1989	-	74	90	92	93	93	92	90
1990	-	82	92	87	90	85	85	87

[1] Estimate discontinued.

ALL HAY: Acreage, Yield and Production, By Counties, 1989-1990

County	1989			1990		
	Harvested	Yield Per Acre	Production	Harvested	Yield Per Acre	Production
	-- Acres --		-- Tons --	-- Acres --		-- Tons --
Barbour	17,500	1.7	28,900	17,000	1.6	27,000
Brooke	3,000	1.9	5,600	3,250	2.1	6,700
Doddridge	6,950	1.7	11,500	7,000	1.8	12,400
Hancock	1,800	1.7	3,000	2,000	2.1	4,200
Harrison	17,700	1.4	24,900	17,700	1.6	28,400
Lewis	14,850	1.6	23,100	14,800	1.7	25,300
Marion	9,400	1.2	11,700	8,850	1.5	12,800
Marshall	13,600	1.3	18,200	14,700	1.7	24,500
Monongalia	12,300	1.4	17,300	12,500	1.9	23,600
Ohio	6,100	1.7	10,500	5,800	2.1	12,300
Pleasants	2,800	1.6	4,400	2,300	1.9	4,400
Preston	30,800	1.8	54,000	31,750	1.9	61,600
Ritchie	12,500	1.2	15,100	13,000	1.5	19,800
Taylor	8,700	2.0	17,300	8,500	2.0	16,600
Tyler	9,800	1.4	13,400	9,900	1.3	12,700
Upshur	11,350	1.4	15,600	11,450	1.5	16,900
Wetzel	6,650	1.2	8,300	6,100	1.3	7,900
Wood	13,200	1.8	23,200	13,400	1.7	22,900
NORTHWEST	199,000	1.5	306,000	200,000	1.7	340,000
Boone	270	1.9	500	250	1.6	400
Braxton	12,650	1.5	19,400	10,850	1.7	17,900
Cabell	3,600	1.6	5,800	3,400	1.7	5,700
Calhoun	4,500	1.5	6,700	4,900	1.9	9,500
Clay	1,960	1.4	2,800	2,050	2.1	4,300
Fayette	5,600	1.7	9,600	5,700	1.4	7,800
Gilmer	8,000	1.5	11,800	7,500	1.7	12,900
Jackson	20,200	1.6	33,200	19,350	1.9	35,800
Kanawha	2,580	1.3	3,400	2,600	1.5	3,900
Lincoln	1,900	1.7	3,200	2,120	1.6	3,400
Logan	70	2.1	150	70	2.1	150
McDowell	25	2.0	50	25	2.0	50
Mason	17,000	2.4	41,500	18,000	2.1	38,000
Mercer	7,050	2.2	15,600	8,000	2.7	21,400
Mingo	25	2.0	50	25	2.0	50
Nicholas	7,450	1.7	12,900	7,600	2.0	15,000
Putnam	6,750	1.7	11,600	7,000	1.8	12,400
Raleigh	5,950	1.6	9,400	5,900	1.8	10,800
Roane	15,400	1.4	21,800	15,600	1.8	27,900
Wayne	2,400	1.7	4,100	2,650	2.0	5,300
Webster	1,700	1.8	3,100	1,500	2.2	3,250
Wirt	7,800	1.6	12,500	6,700	1.9	13,000
Wyoming	620	1.4	850	710	1.6	1,100
SOUTHWEST	133,500	1.7	230,000	132,500	1.9	250,000
Berkeley	18,300	2.5	46,400	17,200	2.5	42,400
Grant	14,600	2.0	28,500	16,000	2.3	36,000
Greenbrier	29,000	2.0	58,900	28,750	2.5	71,300
Hampshire	22,300	1.7	38,300	22,550	2.2	51,000
Hardy	16,100	2.2	35,700	15,250	2.4	36,500
Jefferson	15,700	2.5	39,400	15,500	2.9	44,600
Mineral	12,300	1.9	22,800	13,700	2.0	27,900
Monroe	22,400	2.2	48,500	22,500	2.6	59,000
Morgan	4,450	1.8	7,900	4,400	2.1	9,100
Pendleton	22,000	2.8	61,200	21,100	2.6	55,500
Pocahontas	18,100	2.1	37,500	16,400	2.4	39,200
Randolph	17,700	2.4	42,000	18,900	2.4	45,200
Summers	8,550	2.6	22,300	8,750	2.5	21,500
Tucker	6,000	1.8	10,600	6,500	2.0	12,800
EAST	227,500	2.2	500,000	227,500	2.4	552,000
STATE	560,000	1.9	1,036,000	560,000	2.0	1,142,000

ALFALFA HAY: Acreage, Yield and Production, By Counties, 1989-1990

County	1989			1990		
	Harvested	Yield Per Acre	Production	Harvested	Yield Per Acre	Production
	-- Acres --	-- Tons --		-- Acres --	-- Tons --	
BARBOUR	1,000	2.5	2,500	700	2.1	1,500
BROOKE	1,400	2.1	2,900	1,450	2.1	3,100
DODDRIDGE	350	2.0	700	200	2.5	500
HANCOCK	600	2.0	1,200	700	3.3	2,300
HARRISON	1,800	1.6	2,900	1,200	1.3	1,500
LEWIS	650	2.5	1,600	600	3.2	1,900
MARION	600	2.0	1,200	550	1.5	800
MARSHALL	2,500	2.0	4,900	2,100	2.4	5,100
MONONGALIA	1,200	2.4	2,900	850	2.7	2,300
OHIO	3,600	2.0	7,100	2,600	2.4	6,300
PLEASANTS	300	2.3	700	150	2.7	400
PRESTON	5,400	2.8	15,000	5,750	2.8	16,200
RITCHIE	600	2.0	1,200	400	3.8	1,500
TAYLOR	700	2.4	1,700	350	3.1	1,100
TYLER	700	2.7	1,900	450	2.2	1,000
UPSHUR	550	1.6	900	450	1.8	800
WETZEL	750	2.7	2,000	500	2.6	1,300
WOOD	1,300	2.1	2,700	1,000	2.4	2,400
NORTHWEST	24,000	2.3	54,000	20,000	2.5	50,000
BOONE	70	2.9	200	50	2.0	100
BRAXTON	550	2.7	1,500	450	2.9	1,300
CABELL	400	3.0	1,200	300	2.7	800
CALHOUN	300	3.0	900	250	2.8	700
CLAY	160	3.1	500	150	2.7	400
FAYETTE	700	2.1	1,500	400	2.5	1,000
GILMER	400	2.5	1,000	200	2.0	400
JACKSON	1,300	2.5	3,200	850	3.3	2,800
KANAWHA	180	2.8	500	100	3.0	300
LINCOLN	200	3.0	600	220	2.3	500
LOGAN	20	2.5	50	20	2.5	50
MASON	2,500	3.0	7,500	2,700	3.3	9,000
MERCER	550	2.7	1,500	500	3.8	1,900
NICHOLAS	850	2.2	1,900	650	2.6	1,700
PUTNAM	550	2.9	1,600	400	3.8	1,500
RALEIGH	950	2.6	2,500	800	2.1	1,700
ROANE	900	2.4	2,200	700	3.3	2,300
WAYNE	300	2.7	800	250	3.2	800
WEBSTER	100	3.0	300	100	2.5	250
WIRT	500	3.0	1,500	410	3.8	1,500
WYOMING	20	2.5	50	-	-	-
SOUTHWEST	11,500	2.7	31,000	9,500	3.1	29,000
BERKELEY	4,200	4.5	18,800	3,800	3.9	14,900
GRANT	1,400	3.1	4,400	1,300	3.6	4,700
GREENBRIER	4,600	2.7	12,200	3,350	4.0	13,300
HAMPSHIRE	1,700	3.1	5,300	1,250	3.2	4,000
HARDY	1,300	3.7	4,800	1,050	3.8	4,000
JEFFERSON	4,800	4.3	20,400	5,000	3.9	19,500
MINERAL	1,900	2.8	5,300	1,700	3.4	5,800
MONROE	4,800	2.9	13,900	4,500	3.5	15,900
MORGAN	450	3.1	1,400	400	3.8	1,500
PENDLETON	3,400	4.2	14,200	3,100	3.6	11,200
POCAHONTAS	2,400	3.0	7,100	2,000	3.8	7,500
RANDOLPH	1,500	3.1	4,600	1,300	3.8	4,900
SUMMERS	1,050	2.5	2,600	950	3.5	3,300
TUCKER	1,000	3.0	3,000	800	3.1	2,500
EAST	34,500	3.4	118,000	30,500	3.7	113,000
STATE	70,000	2.9	203,000	60,000	3.2	192,000

OTHER HAY: Acreage, Yield and Production, By Counties, 1989-1990

County	1989			1990		
	Harvested	Yield Per Acre	Production	Harvested	Yield Per Acre	Production
	-- Acres --	-- Tons --		-- Acres --	-- Tons --	
BARBOUR	16,500	1.6	26,400	16,300	1.6	25,500
BROOKE	1,600	1.7	2,700	1,800	2.0	3,600
DODDRIDGE	6,600	1.6	10,800	6,800	1.8	11,900
HANCOCK	1,200	1.5	1,800	1,300	1.5	1,900
HARRISON	15,900	1.4	22,000	16,500	1.6	26,900
LEWIS	14,200	1.5	21,500	14,200	1.7	23,400
MARION	8,800	1.2	10,500	8,300	1.5	12,000
MARSHALL	11,100	1.2	13,300	12,600	1.5	19,400
MONONGALIA	11,100	1.3	14,400	11,650	1.8	21,300
OHIO	2,500	1.4	3,400	3,200	1.9	6,000
PLEASANTS	2,500	1.5	3,700	2,150	1.9	4,000
PRESTON	25,400	1.5	38,000	26,000	1.8	45,400
RITCHIE	11,900	1.2	13,900	12,600	1.5	18,300
TAYLOR	8,000	2.0	15,600	8,150	1.9	15,500
TYLER	9,100	1.3	11,500	9,450	1.2	11,700
UPSHUR	10,800	1.4	14,700	11,000	1.5	16,100
WETZEL	5,900	1.1	6,300	5,600	1.2	6,600
WOOD	11,900	1.7	20,500	12,400	1.7	20,500
NORTHWEST	175,000	1.4	252,000	180,000	1.6	290,000
BOONE	200	1.5	300	200	1.5	300
BRAXTON	12,100	1.5	17,900	10,400	1.6	16,600
CABELL	3,200	1.4	4,600	3,100	1.6	4,900
CALHOUN	4,200	1.4	5,800	4,650	1.9	8,800
CLAY	1,800	1.3	2,300	1,900	2.1	3,900
FAYETTE	4,900	1.7	8,100	5,300	1.3	6,800
GILMER	7,600	1.4	10,800	7,300	1.7	12,500
JACKSON	18,900	1.6	30,000	18,500	1.8	33,000
KANAWHA	2,400	1.2	2,900	2,500	1.4	3,600
LINCOLN	1,700	1.5	2,600	1,900	1.5	2,900
LOGAN	50	2.0	100	50	2.0	100
MCDOWELL	25	2.0	50	25	2.0	50
MASON	14,500	2.3	34,000	15,300	1.9	29,000
MERCER	6,500	2.2	14,100	7,500	2.6	19,500
MINGO	25	2.0	50	25	2.0	50
NICHOLAS	6,600	1.7	11,000	6,950	1.9	13,300
PUTNAM	6,200	1.6	10,000	6,600	1.7	10,900
RALEIGH	5,000	1.4	6,900	5,100	1.8	9,100
ROANE	14,500	1.4	19,600	14,900	1.7	25,600
WAYNE	2,100	1.6	3,300	2,400	1.9	4,500
WEBSTER	1,600	1.8	2,800	1,400	2.1	3,000
WIRT	7,300	1.5	11,000	6,300	1.8	11,500
WYOMING	600	1.3	800	700	1.6	1,100
SOUTHWEST	122,000	1.6	199,000	123,000	1.8	221,000
BERKELEY	14,100	2.0	27,600	13,400	2.1	27,500
GRANT	13,200	1.8	24,100	14,700	2.1	31,300
GREENBRIER	24,400	1.9	46,700	25,400	2.3	58,000
HAMPSHIRE	20,600	1.6	33,000	21,300	2.2	47,000
HARDY	14,800	2.1	30,900	14,200	2.3	32,500
JEFFERSON	10,900	1.7	19,000	10,500	2.4	25,100
MINERAL	10,400	1.7	17,500	12,000	1.8	22,100
MONROE	17,600	2.0	34,600	18,000	2.4	43,100
MORGAN	4,000	1.6	6,500	4,000	1.9	7,600
PENDLETON	18,600	2.5	47,000	18,000	2.5	44,300
POCAHONTAS	15,700	1.9	30,400	14,400	2.2	31,700
RANDOLPH	16,200	2.3	37,400	17,600	2.3	40,300
SUMMERS	7,500	2.6	19,700	7,800	2.3	18,200
TUCKER	5,000	1.5	7,600	5,700	1.8	10,300
EAST	193,000	2.0	382,000	197,000	2.2	439,000
STATE	490,000	1.7	833,000	500,000	1.9	950,000

CORN FOR GRAIN: Acreage, Yield, Production and Value, 1981-1990

Year	Planted All Purposes	Harvested Acres	Yield Per Acre	Production	Price Per Bushel	Value of Production
	– (000) –		– Bu. –	– (000) Bu. –	– Dollars –	– (000) Dollars –
1981	125	84	92.0	7,728	2.64	16,516
1982	120	80	98.0	7,840	2.62	20,541
1983	103	60	78.0	4,680	3.31	15,491
1984	115	81	100.0	8,100	2.71	21,951
1985	110	73	105.0	7,665	2.23	17,093
1986	95	60	90.0	5,400	1.50	8,100
1987	90	50	72.0	3,600	1.96	7,056
1988	85	40	58.0	2,320	2.60	6,032
1989	85	46	95.0	4,370	2.40 [1]	10,488 [1]
1990 [2]	90	50	105.0	5,250	2.20	11,550

[1] Revised.
[2] Preliminary.

CORN FOR GRAIN: Acreage, Yield and Production by Counties, 1989-1990

County	1989				1990			
	Planted All Purposes	Harvested For Grain	Yield Per Acre	Production	Planted All Purposes	Harvested For Grain	Yield Per Acre	Production
	– Acres –		– Bushels –		– Acres –		– Bushels –	
Brooke	600	350	75.0	26,200	-	-	-	-
Marshall	1,100	350	75.0	26,200	900	280	80.4	22,500
Ohio	1,200	700	80.5	56,500	1,300	800	90.3	72,200
Pleasants	600	300	90.5	27,200	900	400	102.0	40,800
Preston	5,450	2,100	103.5	217,000	5,700	2,400	104.8	251,400
Tyler	500	300	94.5	28,400	600	350	94.9	33,200
Wood	1,500	800	80	64,000	1,350	900	95.2	85,700
Other [1]	3,350	1,200	87.0	104,500	3,750	1,570	87.4	137,200
NORTHWEST	14,300	6,100	90.0	550,000	14,500	6,700	96.0	643,000
Jackson	1,000	700	82.5	57,600	900	750	90.9	68,200
Lincoln	500	350	87.0	30,400	-	-	-	-
Mason	9,100	5,800	92.0	535,000	9,900	6,250	113.4	708,800
Mercer	570	300	97.5	29,200	-	-	-	-
Putnam	550	350	90.5	31,600	700	500	86.0	43,000
Wayne	550	300	88.5	26,500	600	350	93.7	32,800
Other [1]	2,930	1,600	84.0	134,700	3,400	1,950	90.4	176,200
SOUTHWEST	15,200	9,400	90.0	845,000	15,500	9,800	105.0	1,029,000
Berkeley	7,000	4,400	92.0	405,000	7,600	4,800	103.7	497,900
Grant	1,300	500	110.0	55,000	1,000	400	100.8	40,300
Greenbrier	4,500	1,350	112.0	151,000	4,800	1,400	105.7	148,000
Hampshire	2,950	1,500	80.0	120,000	2,900	1,500	95.6	143,400
Hardy	7,800	3,150	105.5	332,000	8,000	3,500	116.5	407,900
Jefferson	14,000	10,000	91.0	910,000	17,000	11,700	109.2	1,277,900
Mineral	1,350	450	104.0	46,900	1,600	500	90.6	45,300
Monroe	8,300	5,250	104.0	545,000	8,500	5,500	102.7	564,700
Morgan	950	500	87.0	43,500	900	500	95.2	47,600
Pendleton	2,900	1,200	110.0	132,000	3,000	1,300	115.2	149,800
Pocahontas	1,900	750	105.0	78,800	1,900	800	103.6	82,900
Randolph	1,350	750	105.0	78,800	1,600	800	115.8	92,600
Other [1]	1,200	700	110.0	77,000	1,200	800	99.6	79,700
EAST	55,500	30,500	97.5	2,975,000	60,000	33,500	106.8	3,578,000
STATE	85,000	46,000	95.0	4,370,000	90,000	50,000	105.0	5,250,000

[1] Counties equal to or less than 250 acres of corn harvested for grain.

CORN FOR SILAGE AND FORAGE: Acreage, Yield and Production, 1981-1990

Year	Planted All Purposes	Silage			Forage Acres
		Harvested Acres	Yield Per Acre	Production	
	-- (000) Acres --		-- Tons --	-- (000) Tons --	-- (000) Acres --
1981	125	39	15.5	605	1
1982	120	37	16.5	611	2
1983	103	40	13.5	540	2
1984	115	31	17.0	527	2
1985	110	31	17.0	527	2
1986	95	32	14.0	448	3
1987	90	36	11.5	414	1/
1988	85	37	8.5	315	-
1989	85	38	15.5	589	-
1990	90	38	15.0	570	-

1/ Discontinued.

CORN FOR SILAGE: Acreage, Yield and Production by Counties, 1989-1990

County	1989				1990			
	Planted All Purposes	Harvested For Silage	Yield Per Acre	Production	Planted All Purposes	Harvested For Silage	Yield Per Acre	Production
	-- Acres --		-- Bushels --		-- Acres --			-- Bushels --
Brooke	600	240	14.5	3,500	-	-	-	-
Marshall	1,100	700	14.5	10,100	900	570	13.3	7,600
Ohio	1,200	450	14.5	6,500	1,300	450	13.8	6,200
Pleasants	600	290	14.5	4,200	900	400	15.3	6,100
Preston	5,450	3,250	13.5	43,800	5,700	3,200	14.6	46,800
Tyler	500	190	14.5	2,800	600	230	10.0	2,300
Wood	1,500	650	13.0	8,400	1,350	400	14.3	5,700
Other 1/	3,350	2,130	15.0	31,700	3,750	2,050	13.8	28,300
NORTHWEST	14,300	7,900	14.0	111,000	14,500	7,300	14.1	103,000
Jackson	1,000	300	14.5	4,300	900	130	13.1	1,700
Lincoln	500	140	14.5	2,000	-	-	-	-
Mason	9,100	3,250	16.0	51,600	9,900	3,400	17.8	60,600
Mercer	570	260	17.5	4,600	-	-	-	-
Putnam	550	190	10.0	1,900	700	170	13.5	2,300
Wayne	550	220	14.5	3,200	600	220	11.8	2,600
Other 1/	2,930	1,240	13.0	16,400	3,400	1,280	13.9	17,800
SOUTHWEST	15,200	5,600	15.0	84,000	15,500	5,200	16.3	85,000
Berkeley	7,000	2,500	15.0	37,900	7,600	2,750	14.0	38,500
Grant	1,300	700	14.0	9,900	1,000	580	13.1	7,600
Greenbrier	4,500	3,150	16.5	52,100	4,800	3,350	15.6	52,400
Hampshire	2,950	1,450	14.0	20,500	2,900	1,250	11.9	14,900
Hardy	7,800	4,600	16.0	73,600	8,000	4,350	15.2	66,200
Jefferson	14,000	3,900	15.0	59,100	17,000	5,200	17.4	90,500
Mineral	1,350	850	17.0	14,600	1,600	1,050	12.1	12,700
Monroe	8,300	3,000	17.5	51,800	8,500	2,900	14.9	43,200
Morgan	950	450	15.0	6,800	900	350	11.1	3,900
Pendleton	2,900	1,650	16.0	26,400	3,000	1,650	13.2	21,700
Pocahontas	1,900	1,150	19.0	22,100	1,900	1,050	14.0	14,700
Randolph	1,350	600	19.0	11,500	1,600	700	16.0	11,200
Other 1/	1,200	500	15.5	7,700	1,200	320	14.1	4,500
EAST	55,500	24,500	16.0	394,000	60,000	25,500	15.0	382,000
STATE	85,000	38,000	15.5	589,000	90,000	38,000	15.0	570,000

1/ Counties equal to or less than 250 acres of corn harvested for grain.

OATS: Acreage, Yield, Production and Value, 1981-1990

Year	Acreage		Yield	Production and Value		
	Planted	Harvested for Grain	Per Acre	Production	Avg. Price Per Bushel	Value
	-- (000) Acres --		-- Bu. --	-- (000) Bu. --	-- Dollars --	-- (000) Dollars --
1981	14	11	52.0	572	1.90	1,174
1982	16	10	51.0	510	1.50	765
1983	14	9	52.0	468	1.65	772
1984	11	8	51.0	408	1.75	714
1985	14	8	61.0	488	1.20	586
1986	17	10	50.0	500	1.00	500
1987	13	8	50.0	400	1.45	580
1988	10	6	48.0	288	2.60	749
1989	10	6	50.0	300	1.45	435
1990	10	6	57.0	342	1.15	393

OATS: Acreage, Yield and Production, by Counties, 1989-1990

County	1989				1990			
	Planted	Harvested For Grain	Yield Per Harvested Acre	Production	Planted	Harvested For Grain	Yield Per Harvested Acre	Production
	-- Acres --		-- Bushels --		-- Acres --		-- Bushels --	
Barbour	150	100	46.0	4,600	80	60	61.7	3,700
Brooke	250	120	56.0	6,700	190	120	63.3	7,600
Hancock	180	90	58.0	5,200	190	120	67.5	8,100
Marshall	150	70	45.5	3,200	100	60	53.3	3,200
Monongalia	120	80	49.0	3,900	80	60	55.0	3,300
Ohio	250	120	47.5	5,700	340	210	51.4	10,800
Preston	1,900	1,300	48.0	62,200	1,400	1,300	62.0	80,600
Taylor	-	-	-	-	120	50	54.0	2,700
Tyler	-	-	-	-	110	20	60.0	1,200
Wood	50	30	43.5	1,300	80	50	46.0	2,300
Other [1/]	150	90	46.5	4,200	110	50	50.0	2,500
NORTHWEST	3,200	2,000	48.5	97,000	2,800	2,100	60.0	126,000
Cabell	-	-	-	-	50	20	50.0	1,000
Fayette	90	50	46.0	2,300	100	30	56.7	1,700
Jackson	130	50	50.0	2,500	130	70	48.6	3,400
Lincoln	30	10	50.0	500	-	-	-	-
Mason	350	140	49.5	6,900	800	180	52.2	9,400
Mercer	100	50	46.0	2,300	120	80	53.8	4,300
Nicholas	60	30	50.0	1,500	-	-	-	-
Putnam	140	70	47.0	3,300	150	20	50.0	1,000
Raleigh	80	40	45.0	1,800	100	20	50.0	1,000
Webster	50	20	50.0	1,000	-	-	-	-
Other [1/]	70	40	47.5	1,900	150	80	52.5	4,200
SOUTHWEST	1,100	500	48.0	24,000	1,600	500	52.0	26,000
Berkeley	800	600	54.5	32,600	700	500	58.0	29,000
Grant	190	70	50.0	3,500	110	70	47.1	3,300
Greenbrier	250	110	50.0	5,500	650	250	62.0	15,500
Hampshire	600	500	54.5	27,300	500	440	50.9	22,400
Hardy	550	300	54.5	16,300	350	240	51.3	12,300
Jefferson	1,050	750	47.5	35,500	700	600	60.7	36,400
Mineral	250	160	44.0	7,000	170	100	48.0	4,800
Monroe	500	250	55.0	13,700	800	350	59.7	20,900
Morgan	250	120	54.0	6,500	210	160	51.9	8,300
Pendleton	300	150	52.5	7,900	200	120	55.0	6,600
Pocahontas	400	240	44.0	10,600	560	280	58.6	16,400
Randolph	210	100	53.0	5,300	280	130	48.5	6,300
Summers	200	90	48.0	4,300	240	80	51.3	4,100
Tucker	150	60	50.0	3,000	100	80	46.3	3,700
EAST	5,700	3,500	51.0	179,000	5,600	3,400	55.9	190,000
STATE	10,000	6,000	50.0	300,000	10,000	6,000	57.0	342,000

[1/] Counties with less than 50 acres planted not shown separately.

WHEAT: Acreage, Production and Value, 1981-1990

Year	Acreage		Yield	Production and Value		
	Planted	Harvested For Grain	Per Acre	Production	Avg. Price Per Bushel	Value
	-- (000) Acres --		-- Bu. --	-- (000) Bu. --	-- Dollars --	-- (000) Dollars --
1981	11	9	36.0	324	3.65	1,314
1982	11	9	35.0	315	3.35	1,055
1983	11	9	42.0	378	3.45	1,304
1984	12	10	40.0	400	3.35	1,340
1985	10	8	43.0	344	2.95	1,015
1986	11	9	44.0	396	2.40	950
1987	13	11	45.0	495	2.50	1,238
1988	11	9	46.0	414	3.70	1,532
1989	16	12	43.0	516	3.80 [1/]	1,961 [1/]
1990	15	12	46.0	552	2.70	1,490

[1/] Revised.

WHEAT: Acreage, Yield and Production By Counties, 1989-1990

County	1989				1990			
	Planted	Harvested For Grain	Yield Per Harvested Acre	Production	Planted	Harvested For Grain	Yield Per Harvested Acre	Production
	-- Acres --		-- Bushels --		-- Acres --		-- Bushels --	
Barbour	60	40	50.0	2,000	50	40	32.5	1,300
Hancock	100	80	44.0	3,500	150	120	49.2	5,900
Harrison	50	30	33.5	1,000	-	-	-	-
Lewis	70	30	40.0	1,200	50	30	30.0	900
Marshall	-	-	-	-	50	20	35.0	700
Monongalia	-	-	-	-	70	20	40.0	800
Ohio	100	90	39.0	3,500	70	70	40.0	2,800
Pleasants	50	30	40.0	1,200	-	-	-	-
Preston	150	100	52.0	5,200	120	110	49.1	5,400
Tyler	70	40	37.5	1,500	60	20	35.0	700
Wood	450	400	31.5	12,500	700	400	37.5	15,000
Other [1/]	100	60	40.0	2,400	180	70	35.7	2,500
NORTHWEST	1,200	900	38.0	34,000	1,500	900	40.0	36,000
Cabell	350	250	38.5	9,600	130	70	37.1	2,600
Jackson	250	150	36.5	5,500	120	70	31.4	2,200
Lincoln	80	50	38.0	1,900	100	30	33.3	1,000
Mason	1,100	850	37.0	31,500	1,180	950	43.1	40,900
Mercer	300	250	45.5	11,400	-	-	-	-
Nicholas	50	30	40.0	1,200	-	-	-	-
Putnam	100	50	42.0	2,100	230	160	41.3	6,600
Wayne	-	-	-	-	70	40	32.5	1,300
Other [1/]	170	70	40.0	2,800	170	80	30.0	2,400
SOUTHWEST	2,400	1,700	39.0	66,000	2,000	1,400	40.7	57,000
Berkeley	1,700	1,500	44.0	65,900	1,960	1,750	48.1	84,200
Grant	190	80	40.0	3,200	100	40	40.0	1,600
Greenbrier	900	700	42.0	29,400	520	450	48.4	21,800
Hampshire	900	700	37.0	26,000	700	600	39.2	23,500
Hardy	1,200	800	43.5	34,700	1,150	810	43.6	35,300
Jefferson	4,100	3,300	47.0	155,400	4,850	4,300	51.2	220,000
Mineral	250	180	45.0	8,100	150	110	40.9	4,500
Monroe	900	500	55.0	27,400	900	650	46.2	30,000
Morgan	900	600	37.0	22,100	620	550	36.5	20,100
Pendleton	550	400	38.0	15,100	150	130	41.5	5,400
Pocahontas	300	200	35.0	7,000	100	80	41.3	3,300
Randolph	-	-	-	-	200	180	38.9	7,000
Summers	450	400	50.0	20,000	100	50	46.0	2,300
Other [1/]	60	40	42.5	1,700	-	-	-	-
EAST	12,400	9,400	44.5	416,000	11,500	9,700	47.3	459,000
STATE	16,000	12,000	43.0	516,000	15,000	12,000	46.0	552,000

[1/] Counties with less than 50 acres planted not shown separately.

TOBACCO: Acreage, Production and Value, 1981-1990

Year	Acres Harvested	Production		Average Price Per Pound	Value of Production
		Per Acre	Total		
	-- Acres --	-- Lbs. --	-- (000) Lbs. --	-- Cents --	-- (000) Dollars --
1981	1,500	1,620	2,430	178.0	4,325
1982	2,000	1,795	3,590	176.0	6,320
1983	2,200	1,710	3,762	176.0	6,621
1984	2,400	1,870	4,488	180.0	8,078
1985	1,800	1,880	3,384	155.5	5,262
1986	1,600	1,650	2,640	154.4	4,076
1987	1,800	1,440	2,592	146.5	3,797
1988	1,700	1,600	2,720	152.5	4,148
1989	1,450	1,300	1,885	165.2	3,114
1990	1,800	1,600	2,880	174.4	5,023

TOBACCO: Acreage, Yield and Production, By Counties, 1989-1990

County	1989			1990		
	Acres Harvested	Yield Per Acre	Production	Acres Harvested	Yield Per Acre	Production
	-- Acres --	-- Pounds --		-- Acres --	-- Pounds --	
WOOD	11	1,450	16,000			
CABELL	215	1,275	267,800	250	1,642	410,500
JACKSON	65	1,220	79,500	70	1,414	99,000
LINCOLN	440	1,220	535,500	485	1,458	707,000
MASON	320	1,580	505,400	445	1,769	787,000
PUTNAM	290	1,175	340,800	315	1,651	520,000
ROANE	20	1,290	25,800	18	1,611	29,000
WAYNE	16	1,410	22,500	24	1,500	36,000
WIRT	20	1,320	26,400	19	1,384	26,300
MONROE	30	1,320	39,600	41	1,512	62,000
OTHER [1/]	23	1,120	25,700	33	3,634	43,200
STATE	1,450	1,300	1,885,000	1,700	1,600	2,720,000

[1/] Counties having less than 10 acres.

FARM MARKETINGS OF FIELD CROPS: Percent of Sales, By Months, United States, Marketing Year 1989-1990 [1/]

Month	Corn	Oats	Wheat	Hay	Soybeans	Barley
	---- Percent ----					
April	-	-	-	.5	-	-
May	-	-	-	5.1	-	-
June	-	3.8	13.1	10.6	-	8.3
July	-	27.8	19.6	11.5	-	6.4
August	-	21.3	12.9	10.4	-	15.3
September	6.1	7.4	7.1	8.6	5.6	11.8
October	16.3	4.6	6.2	9.4	24.6	8.9
November	12.4	3.5	6.9	7.8	10.5	10.2
December	6.9	4.6	7.9	7.8	7.0	9.0
January	14.6	6.6	9.0	7.5	12.3	10.9
February	7.3	4.1	3.9	7.0	7.3	5.8
March	7.6	5.4	4.4	6.8	8.2	4.7
April	7.7	5.2	4.5	5.3	6.3	4.4
May	5.9	5.7	4.5	1.7	5.2	4.3
June	5.5	-	-	-	3.6	-
July	4.3	-	-	-	4.3	-
August	5.4	-	-	-	5.1	-
Year	100.0	100.0	100.0	100.0	100.0	100.0

[1/] Final estimates.
The marketing year for corn and soybeans is September through August; for oats, wheat and barley - June through May; and for hay - April through May.

1990 FRUIT SUMMARY

GENERAL: Total fruit production for the 1990 crop year was 153 million pounds, 23 percent greater than 1989. The 1990 crop year was affected by several early season freezes. Both apple and peach crops were rated in poor condition throughout the year.

APPLES: The 1990 apple crop of 150 million pounds (3.57 million 42 lb. equivalents) was up 30 percent from 1989 production figure of 115 million pounds. The utilization breakdown for the 1990 apple crop consisted of 40 million pounds of fresh market sales, or 27 percent of production; up from 35 million pounds of fresh market sales in 1989. The remaining 110 million pounds were used in processing with 63.5 million pounds canned, 22.5 million pounds for juice and cider, 23.0 million pounds frozen, and 1.0 million pounds for other uses.

The price received for 1990 commercial apples was 9.6 cents per pound, down slightly from 9.8 cents per pound in 1989. Total value of utilized production was $14.4 million for 1990 crop. Fresh market apples brought 17.9 cents per pound, up from 17.0 cents a pound in 1989. Processed apples sold for $131 per ton, down from $134 per ton in 1989.

PEACHES: The 1990 peach crop of 3 million pounds (62,500 48 lb. equivalents) was down 67 percent form the 1989 crop of 9.0 million pounds. The early season freezes occurred when most orchards were in full bloom. Fruit quality of the small crop was good. There were 2.7 million pounds of fresh market sales, or 90 percent of the production; down from the 8.4 million pounds of fresh market sales in 1989. The remaining 300,000 pounds were used in processing, down from 600,000 pounds in 1989.

The price per pound in 1990 was 26.8 cents, which resulted in total utilized production value of $803 thousand. This was a decrease of 65 percent from the 1989 value of $2.30 million. Fresh market peaches brought 28.2 cents per pound, up from 26.7 cents per pound in 1989. Processed peaches brought $280 per ton, up from $193 per ton in 1989.

COMMERCIAL APPLES: Production and Value, 1981-1990

Year	Production			Price Per Pound	Value of Production
	Total	Not Utilized	Having Value		
	-- Million Pounds --			-- Cents --	-- (000) Dollars --
1981	200.0	-	200.0	11.50	22,925
1982	240.0	-	240.0	9.40	22,597
1983	220.0	4	216.0	7.70	16,671
1984	225.0	-	225.0	10.60	23,778
1985	230.0	-	230.0	9.80	22,532
1986	230.0	-	230.0	10.60	24,410
1987	180.0	-	180.0	7.50	13,567
1988	215.0	-	215.0	9.50	20,330
1989	115.0	-	115.0	9.80	11,310
1990	150.0	-	150.0	9.60	14,400

COMMERCIAL APPLES: Utilization, 1981-1990

Year	Utilization of Sales				
	Fresh Market	Canned	Frozen	Processed Juice & Cider	Other
			---- Million Pounds ----		
1981	97.4	47.2	17.5	35.0	2.9
1982	87.2	94.7	16.4	41.2	.5
1983	57.9	103.4	11.7	40.5	2.5
1984	84.9	89.4	13.0	36.7	1.0
1985	99.5	58.6	13.2	58.2	.5
1986	87.7	75.3	34.2	32.7	.1
1987	53.0	75.5	15.4	34.3	1.8
1988	65.0	94.2	13.9	39.3	2.6
1989	35.0	58.0	6.5	15.0	.5
1990	40.0	63.5	23.0	22.5	1.0

PEACHES: Production and Value, 1981-1990

Year	Production		Having Value	Price Per Pound	Value of Production
	Total	Not Utilized			
	-- Million Pounds --			-- Cents --	-- (000) Dollars --
1981	20.0	-	20.0	15.3	3,060
1982	17.0	-	17.0	23.3	3,961
1983	19.0	-	19.0	13.8	2,626
1984	18.0	-	18.0	17.0	3,067
1985 [1]	-	-	-	-	-
1986	23.0	-	23.0	14.5	3,338
1987	19.0	-	19.0	13.3	2,528
1988	20.0	-	20.0	16.9	3,373
1989	9.0	-	9.0	25.6	2,301
1990	3.0	-	3.0	26.8	803

[1] No significant commercial production due to frost.

1990 LIVESTOCK & DAIRY SUMMARY

GENERAL: The livestock numbers in this bulletin were derived from the various surveys conducted during the year by West Virginia Agricultural Statistics. The quarterly Agricultural Surveys (January, June, September and December) continue to be the primary sources for estimating inventory and production numbers of livestock raised in West Virginia. County level breakdown of livestock production shown in the publication were compiled from other surveys conducted during the year.

CATTLE: All cattle inventory as of January 1, 1991, was 515,000 head, up 5 percent from the number at the beginning of 1990. The inventory value for cattle was estimated at $281 million, up 7 percent from a year ago. The 1990 calf crop was 265,000 head, up 20,000 from 1989. All cows, at 290,000 head, are up 20,000 from a year ago. Cattle and calf meat production for 1990 totaled 171.5 million pounds liveweight, with 160.3 million pounds marketed; a decrease of 6 percent from 1989. The average price per hundredweight was $72.90 for cattle and $84.50 for calves, compared to $64.00 and $80.50 respectively in 1989. The larger calf crop increased the value of production to $130.4 million, 16 percent above 1989.

SHEEP AND LAMBS: Sheep and lamb inventory on January 1, 1991, was estimated at 85,000 head, up 5,000 head from the previous year. The inventory value, at $5 million, was 13 percent below a year ago. The 1990 lamb crop totaled 75,000 head, unchanged from last year. Sheep and lamb production for 1990 totaled 6.6 million pounds, 5 percent more than a year ago. The average price per hundredweight was $16.00 for sheep and $51.00 for lambs, compared to $18.00 and $61.00 respectively in 1989. The value of production totaled $2.86 million, a 10 percent drop from the previous year. The gross income, including home consumption, totaled $2.80 million, down from $3.29 million estimated in 1989. Sheep shorn in 1990 totaled 71,000 head, up 1,000 head from 1989. The average fleece weight was 6.3 pounds, giving a production of 447,000 pounds. The average price per pound was 36 cents, down 45 cents from the previous year. Because of the lower price, value of production calculated to $161,000, 54 percent below 1989.

HOGS AND PIGS: Hog and pig inventory as of December 1, 1990, totaled 30,000 head, 2,000 head less than 1989. The inventory value was estimated at $2.79 million, up 10 percent from 1989. The pig crop totaled 53,000 head, up 4,000 from a year ago. Hog and pig meat production for 1990 was 14.8 million pounds, with 13.4 million pounds marketed. Meat production was down by 107,000 pounds from the previous year, while marketings decreased 822,000 pounds. The average price per hundredweight was $52.60, up from the $40.50 in 1989. The value of production was $7.8 million, a 29 percent increase from last year. The gross income from hog production, including home consumption, totaled $8.1 million, an increase of 24 percent over last year.

MILK: The average number of dairy cows in West Virginia during 1990 was 24,000 head, 1,000 head below 1989. The total milk produced was 270 million pounds, a 3 percent drop from the previous year due to a decrease in milk cow inventory. The milk used on farm totaled 5 million pounds, 4 million pounds below last year. There were 265 million pounds marketed, 5 million below last year. Cash receipts from the milk marketed totaled $38.9 million, up from $37.4 million in 1989. The gross value of all milk produced, including home consumption, totaled $39.2 million.

CATTLE AND CALVES: Number on Farms and Value, January 1, 1982-1991

Year	Cows		Heifers 500 Lbs. and Over			Steers 500 Lbs. & Over	Bulls 500 Lbs. & Over	Calves Under 500 Lbs.	All Cattle and Calves	Value	
	Beef	Milk	Beef Cow Replacement	Milk Cow Replacement	Other Heifers					Per Head	Total
	(000) Head									-- Dollars --	--(000) Dollars--
1982	279	36	60	17	11	33	19	165	620	395	244,900
1983	260	36	51	16	15	49	19	134	580	385	223,300
1984	273	37	44	16	19	53	21	127	590	385	227,150
1985	275	33	40	14	15	58	23	122	580	375	217,500
1986	258	32	40	14	20	56	20	110	550	370	203,500
1987	255	30	33	10	23	36	18	105	510	360	183,600
1988	251	28	33	10	20	38	14	96	490	435	213,150
1989	245	26	35	10	25	52	17	90	500	495	247,500
1990	245	25	45	10	22	45	16	82	490	535	262,150
1991	266	24	45	10	18	45	17	90	515	545	280,675

ALL CATTLE AND MILK COWS: Number on Farm, January 1, 1990-1991 [1/]

COUNTY	1990		1991	
	ALL CATTLE	MILK COWS	CATTLE	MILK COWS
BARBOUR	12,000	360	11,600	290
BROOKE	1,800	350	1,900	250
DODDRIDGE	4,000	90	4,300	50
HANCOCK	1,000	-	1,100	-
HARRISON	14,000	350	13,900	300
LEWIS	11,000	230	11,500	200
MARION	7,000	250	7,600	270
MARSHALL	8,000	1,100	8,500	910
MONONGALIA	8,700	270	8,200	170
OHIO	3,700	700	4,100	700
PLEASANTS	1,900	-	1,700	-
PRESTON	22,000	2,700	22,200	2,900
RITCHIE	7,200	50	8,600	70
TAYLOR	8,000	170	8,100	120
TYLER	5,500	500	5,700	400
UPSHUR	7,500	170	8,400	150
WETZEL	3,000	120	2,800	100
WOOD	8,700	230	9,300	200
NORTHWEST	135,000	7,640	139,500	7,080
BOONE	150	-	100	-
BRAXTON	8,300	60	8,900	70
CABELL	2,900	60	3,300	50
CALHOUN	3,200	50	3,400	-
CLAY	2,000	-	1,900	-
FAYETTE	4,600	200	4,500	150
GILMER	6,700	70	6,400	50
JACKSON	12,500	200	12,800	150
KANAWHA	2,300	-	2,200	-
LINCOLN	2,500	100	2,300	70
LOGAN	700	80	600	60
MCDOWELL	50	-	50	-
MASON	20,000	3,300	21,300	3,250
MERCER	5,800	-	6,600	-
MINGO	200	-	200	-
NICHOLAS	7,200	240	8,500	240
PUTNAM	5,300	120	6,000	70
RALEIGH	4,900	90	5,300	50
ROANE	10,000	50	11,000	50
WAYNE	3,100	190	3,600	250
WEBSTER	1,300	60	1,250	50
WIRT	5,400	250	5,000	210
WYOMING	900	-	800	-
SOUTHWEST	110,000	5,120	116,000	4,770
BERKELEY	15,000	1,700	17,000	1,680
GRANT	13,000	190	14,900	110
GREENBRIER	44,000	1,400	47,900	1,370
HAMPSHIRE	17,000	130	17,900	120
HARDY	26,000	450	25,400	500
JEFFERSON	20,000	4,200	21,000	4,100
MINERAL	7,500	400	7,500	410
MONROE	32,500	1,900	36,600	2,100
MORGAN	2,300	150	2,200	100
PENDLETON	24,000	300	24,500	290
POCAHONTAS	19,500	170	19,000	200
RANDOLPH	12,500	600	13,600	600
SUMMERS	7,300	330	7,600	350
TUCKER	4,400	80	4,400	70
EAST	245,000	12,000	259,500	12,000
OTHER [1/]	-	240	-	150
STATE	490,000	25,000	515,000	24,000

[1/] Counties with less than 50 head.

CATTLE AND CALVES: Production, Value and Income, 1981-1990

Year	Production [1]	Marketings [2]	Price Per 100 Lbs.		Value of Production	Cash Receipts	Value Home Consumption	Gross Income
			Cattle	Calves				
	-- (000) Lbs. --		-- Dollars --			(000) Dollars		
1981	137,860	94,590	47.50	66.90	72,220	49,089	6,485	55,574
1982	121,675	126,050	43.10	61.10	56,887	60,522	8,348	68,870
1983	164,775	140,690	43.10	58.60	78,338	68,162	10,970	79,132
1984	153,590	148,435	45.50	53.00	73,448	71,141	11,101	82,242
1985	130,875	155,725	46.00	56.50	63,562	75,395	5,946	81,341
1986	166,850	178,635	46.40	56.20	81,498	86,616	8,147	94,763
1987	157,285	158,215	57.50	68.70	94,976	94,989	6,289	101,278
1988	148,095	141,285	64.00	81.50	102,158	96,993	6,600	103,593
1989 [3]	160,045	170,755	64.00	80.50	109,620	115,898	4,726	120,624
1990	171,515	160,325	72.90	84.50	130,352	121,821	5,824	127,645

[1] Adjustments made for inshipments and changes in inventory.
[2] Excludes interfarm sales.
[3] Revised.

CATTLE AND CALVES: Inventory Number, Calf Crop and Disposition, 1981-1990

Year	On Hand January 1	Calves Born	Inshipments	Marketings [1]		Farm Slaughter	Deaths	
				Cattle	Calves		Cattle	Calves
				-- (000) Head --				
1981	570	260	3	84	80	7	13	29
1982	620	250	5	112	131	8	14	30
1983	580	270	27	126	116	9	11	25
1984	590	265	25	136	115	9	15	25
1985	580	230	23	150	85	6	15	27
1986	550	250	33	180	91	10	12	30
1987	510	240	27	157	85	8	12	25
1988	490	240	30	134	89	6	7	24
1989	500	245	30	166	95	4	5	15
1990	490	265	40	150	101	4	8	17

[1] Excludes interfarm sales.

LIVESTOCK: Number of Operations, 1986-1990

Year	All Cattle	Milk Cows [1]	Hogs and Pigs	Sheep and Lambs
1986	17,000	2,500	3,500	2,700
1987	18,000	2,300	3,200	2,800
1988	18,000	2,200	3,000	2,200
1989	18,500	2,000	2,500	2,000
1990	17,500	1,500	2,300	2,000

[1] Included in all cattle.

MILK: Production of Milk and Milkfat, 1981-1990

Year	Number of Milk Cows on Farms	Production of Milk and Milkfat				
		Per Milk Cow		Percentage of Fat In Milk Produced	Total	
		Milk	Milkfat		Milk	Milkfat
	-- (000) --	-- Pounds --		-- Percent --	-- Million Pounds --	
1981	36	9,722	358	3.68	350	13
1982	36	9,694	354	3.65	349	13
1983	36	10,139	370	3.65	365	13
1984	34	10,853	400	3.69	369	14
1985	33	11,576	425	3.67	382	14
1986	31	12,097	445	3.68	375	14
1987	29	12,034	442	3.67	349	13
1988	27	11,148	411	3.69	301	11
1989	25	11,160	413	3.70	279	10
1990	24	11,250	410	3.64	270	10

MILK: Disposition and Marketings, 1981-1990

Year	Used on Farms Where Produced			Marketed by Farmers		
				Sold		
	Fed to Calves	Used For Milk, Cream and Butter	Total	To Plants & Dealers	Directly to Consumers	Total
	— Million Pounds —					
1981	6	7	13	330	7	337
1982	5	4	9	337	3	340
1983	6	4	10	348	7	355
1984	6	4	10	352	7	359
1985	6	4	10	365	7	372
1986	5	4	9	359	7	366
1987	5	4	9	333	7	340
1988	5	4	9	285	7	292
1989	5	4	9	265	5	270
1990	3	2	5	260	5	265

MILK: Marketings and Income, 1981-1990

Year	Combined Marketings of Milk and Cream				Used for Milk, Cream and Butter Where Produced		Gross Producer Income
	Milk Utilized	Average Returns [1]		Cash Receipts From Marketings [2]	Milk Utilized	Value [3]	
		Per Cwt. Milk	Per Lb. Milkfat				
	– Million Lbs. –	– Dollars –		– (000) Dollars –	– Million Lbs. –	– (000) Dollars –	
1981	337	14.08	3.83	47,461	7	986	48,447
1982	340	13.70	3.75	46,585	4	548	47,134
1983	355	13.84	3.79	49,119	4	553	49,672
1984	359	13.67	3.71	49,089	4	547	49,636
1985	372	13.18	3.59	49,038	4	527	49,566
1986	366	12.74	3.46	46,632	4	510	47,142
1987	340	12.91	3.52	43,904	4	517	44,421
1988	292	12.69	3.44	37,049	4	508	37,557
1989	270	13.85	3.74	37,403	4	554	37,957
1990 [4]	265	14.67	4.03	38,878	2	293	39,171

[1] Cash receipts divided by milkfat represented in combined marketings.
[2] Average returns per 100 pound of milk in combined marketings of milk and cream.
[3] Cash receipts from milk and cream plus home consumption of milk and producer-churned butter.
[4] Preliminary.

MILK PRODUCTION: Number of Cows and Production, Quarterly, 1986-1990

Year	Jan.-March	April-June	July-Sept.	Oct.-Dec.	Annual [1]
	AVERAGE NUMBER OF COWS (Thousand Head)				
1986	32	31	30	30	31
1987	30	30	29	28	29
1988	28	28	27	26	27
1989	25	25	25	25	25
1990	25	24	24	24	24
	PRODUCTION PER COW (Pounds)				
1986	2,875	3,194	3,067	3,067	12,097
1987	2,967	2,967	2,966	3,036	12,034
1988	2,857	2,786	2,704	2,692	11,148
1989	2,800	2,880	2,760	2,720	11,160
1990	2,760	2,917	2,750	2,708	11,250
	TOTAL PRODUCTION (Million Pounds)				
1986	92	99	92	92	375
1987	89	89	86	85	349
1988	80	78	73	70	301
1989	70	72	69	68	279
1990	69	70	66	65	270

[1] Does not add due to rounding.

SHEEP AND LAMBS: Inventory, By Class and Value, January 1, 1981-1991

Year	Sheep 1 Year & Older		Lambs		Total Sheep & Lambs	Value	
	Ewes	Wethers & Rams	Ewes	Wethers & Rams		Per Head	Total
	(000) Head					-- Dollars --	-- (000) Dollars --
1981	84	4	16	4	108	56.00	6,048
1982	85	3	18	4	110	55.50	6,105
1983	80	3	13	4	100	50.50	5,050
1984	72	3	12	4	91	50.50	4,596
1985	64	2	8	2	76	56.50	4,294
1986	60	2	8	8	78	65.50	5,109
1987	68	3	11	8	90	66.00	5,940
1988	67	3	10	11	91	75.00	6,825
1989	62	3	10	7	82	81.00	6,642
1990	62	3	7	8	80	72.00	5,760
1991	67	4	9	5	85	59.00	5,015

SHEEP AND LAMBS: Inventory, Lamb Crop and Disposition, 1981-1990

Year	On Hand January 1	Lambs Saved	Inshipments	Marketings [1]		Farm Slaughter	Deaths	
				Sheep	Lambs		Sheep	Lambs
			(000) Head					
1981	108	100	1	14	61	1	7	16
1982	110	100	1	21	66	1	7	16
1983	100	90	1	19	61	2	6	12
1984	91	80	1	20	59	1	5	11
1985	76	71	2	9	45	2	5	10
1986	78	80	3	2	51	1	5	12
1987	90	77	5	14	48	1	6	12
1988	91	72	1	21	47	1	5	8
1989 [2]	82	75	1	13	51	1	4	9
1990	80	75	1	5	52	1	4	9

[1] Excludes interfarm sales. [2] Revised.

SHEEP AND LAMBS: Production, Value and Income, 1981-1990

Year	Production [1]	Marketings [2]	Average Per Cwt.		Value of Production	Cash Receipts [3]	Value of Home Consumption	Gross Income
			Sheep	Lambs				
	-- (000) Lbs. --		-- Dollars --		(000) Dollars			
1981	7,252	7,003	17.90	54.30	3,405	3,216	115	3,331
1982	7,215	8,200	16.80	52.60	3,215	3,449	142	3,591
1983	8,343	9,199	12.70	48.10	3,285	3,416	95	3,511
1984	5,826	7,437	13.50	59.50	3,002	3,367	148	3,515
1985	5,106	4,722	17.50	67.80	3,101	2,559	342	2,901
1986	6,315	4,740	19.30	66.50	3,477	3,039	120	3,159
1987	5,885	5,910	23.70	74.10	3,585	3,533	133	3,666
1988	5,730	6,660	19.80	63.40	2,839	3,124	114	3,238
1989 [4]	6,285	6,310	18.00	61.00	3,163	3,178	116	3,294
1990	6,620	5,700	16.00	51.00	2,862	2,697	102	2,799

[1] Adjustments made for inshipments and changes in inventory.
[2] Excludes interfarm sales.
[3] Receipts from marketings and sale of farm slaughter.
[4] Revised.

WOOL: Sheep Shorn, Wool Production and Value, 1981-1990

Year	Sheep Shorn	Weight Per Fleece	Shorn Wool Production	Price Per Pound	Value
	-- (000) Head --	-- Pounds --	-- (000) Pounds --	-- Cents --	-- (000) Dollars --
1981	102	5.8	592	87	515
1982	105	5.6	588	40	235
1983	98	5.9	578	46	266
1984	80	5.7	456	79	360
1985	74	5.8	429	58	249
1986	79	5.8	458	65	298
1987	77	5.6	431	62	267
1988	77	6.0	462	91	420
1989	70	6.2	434	81	352
1990	71	6.3	447	36	161

HOGS AND PIGS: Number on Farms, By Class and Value, December 1, 1981-1990

Year	Breeding	Market	Marketing Hogs & Pigs by Weight				All Hogs	Value	
			Under 60 Lbs.	60-119 Lbs.	120-179 Lbs.	180 Lbs. & Over		Per Head	Total
	---------- (000) Head ----------							-- Dollars --	-- (000) Dollars --
1981	8	44	19	7	9	9	52	71.00	3,692
1982	8	34	14	6	5	9	42	91.00	3,822
1983	6	32	11	6	5	10	38	74.50	2,831
1984	4	33	14	8	5	6	37	70.00	2,590
1985	4	33	14	5	5	9	37	73.00	2,701
1986	5	32	11	7	5	9	37	89.00	3,293
1987	6	30	10	6	4	10	36	88.00	3,168
1988	7	30	10	7	5	8	37	81.50	3,016
1989	6	26	10	5	5	6	32	79.50	2,544
1990	5	25	10	4	5	6	30	93.00	2,790

PIG CROP: Sows Farrowed and Pigs Saved, 1981-1990

Year	Spring [1]			Fall [2]			Annual Total	
	Sows Farrowed	Pigs Per Litter	Pigs Saved	Sows Farrowed	Pigs Per Litter	Pigs Saved	Sows Farrowed	Pigs Saved
	-- (000) Head --	-- Number --	-- (000) Head --		-- Number --		-- (000) Head --	
1981	6.7	7.5	50	4.1	7.3	30	10.8	80
1982	5.2	7.0	36	3.8	7.5	29	9.0	65
1983	5.6	7.0	39	3.2	7.0	22	8.8	61
1984	2.7	6.4	17	2.4	6.6	16	5.1	33
1985	2.5	7.4	19	1.6	7.1	11	4.1	30
1986	2.4	6.7	16	2.7	7.1	19	5.1	35
1987	2.8	6.1	17	3.0	7.2	22	5.8	39
1988	3.1	6.3	20	3.7	6.9	26	6.8	46
1989	3.5	7.1	25	3.3	7.3	24	6.8	49
1990	4.0	7.2	28	3.3	7.7	25	7.3	53

[1] December through May. [2] June through November.

HOGS AND PIGS: Inventory Number, Pig Crop and Disposition, 1981-1990

Year	On Hand December 1 [1]	Pigs Saved	Inshipments	Marketings [2]	Farm Slaughter	Deaths
			---------- (000) Head ----------			
1981	73	80	5	78	20	8
1982	52	65	6	63	13	5
1983	42	61	10	61	10	4
1984	38	33	5	27	9	3
1985	37	30	9	27	7	5
1986	37	35	8	35	4	4
1987	37	39	11	46	3	2
1988	36	46	8	44	6	3
1989	37	49	5	52	4	3
1990	32	53	4	52	3	4

[1] December 1, previous year. [2] Excludes interfarm sales.

HOGS AND PIGS: Production, Value and Income, 1981-1990

Year	Production [1]	Marketings [2]	Price Per 100 Lbs.	Value of Production	Cash Receipts	Value of Home Consumption	Gross Income
	-- (000) Lbs. --		-- Dollars --		---------- (000) Dollars ----------		
1981	28,781	22,270	44.60	12,808	9,939	4,549	14,488
1982	24,643	19,125	53.40	13,077	10,230	3,540	13,770
1983	24,693	19,755	46.70	11,499	9,230	2,620	11,850
1984	10,523	6,750	49.40	5,191	3,336	2,645	5,981
1985	11,450	8,407	44.00	5,017	3,702	1,372	5,074
1986	12,815	11,150	48.00	6,146	5,354	888	6,242
1987	16,239	14,348	52.50	8,515	7,535	1,135	8,670
1988	15,398	12,762	42.00	6,459	5,363	1,250	6,613
1989 [3]	14,907	14,232	40.50	6,011	5,782	741	6,523
1990	14,800	13,410	52.60	7,760	7,078	1,010	8,088

[1] Adjustments made for inshipments and changes in inventory.
[2] Excludes interfarm sales.
[3] Revised.

SHEEP AND HOGS : Number on Farm, January 1, 1990-1991

County	1990 [1]		1991	
	SHEEP [2]	HOGS [3]	SHEEP [2]	HOGS [3]
	--Number of Head--			
BARBOUR	650	220	600	180
BROOKE	230	-	300	-
DODDRIDGE	400	80	450	70
HANCOCK	160	50	250	110
HARRISON	390	120	500	280
LEWIS	1,700	100	1,800	200
MARION	480	180	500	140
MARSHALL	1,300	250	1,500	190
MONONGALIA	1,500	200	1,600	180
OHIO	300	380	300	300
PLEASANTS	-	50	-	-
PRESTON	3,000	1,200	3,000	1,190
RITCHIE	500	100	500	120
TAYLOR	170	50	200	70
TYLER	420	300	680	300
UPSHUR	450	100	470	80
WETZEL	700	160	700	160
WOOD	600	630	650	500
NORTHWEST	12,950	4,170	14,000	4,070
BOONE	-	-	-	-
BRAXTON	1,000	250	1,100	200
CABELL	140	150	140	200
CALHOUN	-	70	-	-
CLAY	-	-	-	-
FAYETTE	650	100	600	120
GILMER	900	90	950	90
JACKSON	600	320	1,080	300
KANAWHA	180	230	190	150
LINCOLN	100	250	-	150
LOGAN	-	-	-	-
MCDOWELL	-	-	-	-
MASON	600	2,500	600	2,050
MERCER	500	80	500	140
MINGO	-	50	-	50
NICHOLAS	600	120	500	130
PUTNAM	350	220	380	250
RALEIGH	500	460	350	250
ROANE	600	70	750	100
WAYNE	-	60	140	60
WEBSTER	230	50	290	-
WIRT	300	90	200	70
WYOMING	-	-	-	-
SOUTHWEST	7,250	5,160	8,000	4,310
BERKELEY	450	6,000	700	5,920
GRANT	4,500	700	4,300	650
GREENBRIER	3,300	800	3,500	1,030
HAMPSHIRE	2,000	1,400	2,000	1,460
HARDY	6,100	3,600	6,100	3,270
JEFFERSON	900	2,500	1,250	2,400
MINERAL	1,500	600	1,600	540
MONROE	4,000	750	4,600	790
MORGAN	-	250	-	180
PENDLETON	15,500	3,000	18,300	2,940
POCAHONTAS	13,700	1,100	12,300	900
RANDOLPH	6,500	1,400	7,200	1,120
SUMMERS	400	300	400	100
TUCKER	600	100	700	100
EAST	59,450	22,500	63,000	21,400
OTHER [4]	350	170	330	220
STATE	80,000	32,000	85,000	30,000

[1] Estimates revised for some counties.
[2] As of January 1.
[3] As of December 1 previous year.
[4] Counties with less than 50 head of hogs or 100 head of sheep.

WOOL PRODUCTION: Sheep Shorn and Production, By Counties, 1989-1990

County	1989			1990		
	Sheep Shorn	Fleece Weight	Production	Sheep Shorn	Fleece Weight	Production
	--Head--	--Pounds--		--Head--	--Pounds--	
Barbour	550	5.6	3,100	400	6.5	2,600
Brooke	210	8.6	1,800	260	8.9	2,300
Doddridge	350	6.0	2,100	340	5.9	2,000
Hancock	150	6.0	900	170	7.1	1,300
Harrison	370	6.5	2,400	390	7.2	2,800
Lewis	1,550	5.8	9,000	1,400	6.5	9,100
Marion	350	6.3	2,200	210	5.2	1,300
Marshall	1,200	6.6	7,900	1,200	7.1	8,300
Monongalia	1,425	5.5	7,800	1,380	5.6	7,700
Ohio	225	7.6	1,700	260	7.7	2,000
Pleasants	-	-	-	-	-	-
Preston	2,500	6.6	16,450	2,000	6.3	12,500
Ritchie	550	6.7	3,700	410	5.1	2,100
Taylor	100	7.0	700	100	6.0	600
Tyler	380	6.8	2,600	350	5.7	2,000
Upshur	400	5.5	2,200	350	5.7	2,000
Wetzel	650	7.2	4,700	630	7.0	4,200
Wood	500	7.0	3,500	550	5.8	3,200
NORTHWEST	11,460	6.3	72,750	10,400	6.4	66,000
Boone	-	-	-	-	-	-
Braxton	790	6.3	5,000	900	6.0	5,400
Cabell	110	6.8	750	100	6.0	600
Calhoun	-	-	-	-	-	-
Clay	-	-	-	-	-	-
Fayette	420	7.1	3,000	360	5.6	2,000
Gilmer	800	6.4	5,100	850	6.1	5,200
Jackson	750	7.3	5,500	830	6.7	5,600
Kanawha	150	7.3	1,100	130	5.4	700
Lincoln	-	-	-	-	-	-
Logan	-	-	-	-	-	-
McDowell	-	-	-	-	-	-
Mason	470	6.8	3,200	460	5.9	2,600
Mercer	370	7.0	2,600	350	6.0	2,100
Mingo	-	-	-	-	-	-
Nicholas	390	6.3	2,450	250	6.0	1,500
Putnam	190	6.3	1,200	300	5.3	1,600
Raleigh	330	7.3	2,400	220	6.6	1,450
Roane	650	6.5	4,200	630	6.3	4,000
Wayne	-	-	-	-	-	-
Webster	180	7.2	1,300	110	6.4	700
Wirt	180	8.9	1,600	100	6.0	600
Wyoming	-	-	-	-	-	-
SOUTHWEST	5,780	6.8	39,400	5,590	6.1	34,050
Berkeley	410	6.3	2,600	600	6.7	3,600
Grant	3,950	6.3	25,000	3,800	6.8	25,000
Greenbrier	2,650	6.8	18,000	2,100	6.0	13,800
Hampshire	1,850	6.6	12,300	1,900	7.1	13,100
Hardy	5,300	6.2	33,000	5,000	7.1	35,500
Jefferson	800	6.6	5,300	1,170	7.5	8,500
Mineral	1,200	6.3	7,600	1,490	6.3	9,400
Monroe	3,500	6.4	22,500	3,410	6.8	23,000
Morgan	-	-	-	-	-	-
Pendleton	13,800	6.1	84,500	17,390	6.3	108,900
Pocahontas	11,900	5.5	66,000	10,320	5.4	56,400
Randolph	6,200	6.0	37,000	6,950	6.3	43,600
Summers	350	6.3	2,200	200	7.0	1,400
Tucker	550	6.8	3,750	550	6.6	3,650
EAST	52,460	6.1	319,750	54,880	6.3	345,850
OTHER [1]	300	7.0	2,100	130	8.5	1,100
STATE	70,000	6.2	434,000	71,000	6.3	447,000

[1] Counties with less than 100 total sheep.

SLAUGHTER: Total Red Meat Production, 1986-1990

Year	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
						-- (000) Pounds --							
1986	2,082	1,504	1,605	1,703	1,355	1,379	1,430	1,561	2,113	3,041	3,086	2,426	23,285
1987	1,906	1,482	1,485	1,332	1,143	1,113	1,206	1,315	1,763	2,427	2,458	1,972	19,603
1988	1,466	1,311	1,327	1,140	1,063	1,198	1,245	1,358	1,506	1,938	2,290	1,680	17,521
1989	1,371	985	1,190	996	1,048	921	902	1,269	1,306	1,752	2,016	1,406	15,162
1990	1,400	1,015	1,047	883	1,021	889	997	1,312	1,336	2,308	2,068	1,808	16,085

COMMERCIAL LIVESTOCK SLAUGHTER: Number of Head and Liveweight, 1981-1990

Year	Cattle			Hogs			Sheep & Lambs		
		Liveweight			Liveweight			Liveweight	
	Head	Average	Total	Head	Average	Total	Head	Average	Total
	--No.--	--Lbs.--	-- (000) Lbs.--	--No.--	--Lbs.--	--(000) Lbs.--	--No.--	--Lbs.--	--(000) Lbs.--
1981	38,600	946	36,528	37,200	373	13,865	800	106	82
1982	38,400	928	35,626	29,900	399	11,904	900	88	83
1983	38,400	916	35,184	29,300	387	11,368	1,400	87	124
1984	36,600	921	33,672	28,900	379	10,977	1,500	85	129
1985	31,500	951	29,974	26,900	400	10,775	1,200	103	127
1986	29,200	975	28,453	24,400	403	9,827	800	101	81
1987	23,000	955	21,966	24,100	401	9,645	600	107	61
1988	19,700	973	19,190	24,600	374	9,188	700	113	82
1989	16,600	987	16,371	22,300	370	8,238	700	115	78
1990	16,400	978	15,768	19,500	378	7,351	900	110	96

SLAUGHTER: Number of Federally Inspected Plants and Head Slaughtered, By Species, By Size Group, United States, 1990 [1/]

Size Group	Number Plants	Thous. Head	Size Group	Number Plants	Thous. Head
	Cattle			Hogs	
Under 1,000	793	209.0	Under 1,000	676	197.6
1,000-9,999	153	521.3	1,000-9,999	198	641.8
10,000-49,999	68	1,677.7	10,000-99,999	88	3,247.5
50,000-99,999	29	2,232.5	100,000-249,999	15	2,592.9
100,000-249,999	26	4,247.4	250,000-499,999	11	3,800.0
250,000-499,999	18	6,404.8	500,000-999,999	9	6,648.0
500,000+	18	17,020.9	1,000,000-1,499,999	9	11,637.3
			1,500,000+	22	53,889.7
Total [2/]	1,105	32,313.6	Total [2/]	1,028	82,655.6
	Calves			Sheep & Lambs	
Under 100	346	4.9	Under 100	541	15.1
100-999	39	14.8	100-999	185	56.8
1,000-9,999	39	133.4	1,000-9,999	59	180.1
10,000+	45	1,582.4	10,000+	30	5,202.5
Total [2/]	469	1,735.5	Total [2/]	815	5,454.5

[1/] Includes data from 1/7/90-12/30/90.
[2/] Total may not add due to rounding.

1990 POULTRY SUMMARY

CHICKENS: All chickens, excluding commercial broilers, totaled 965,000 birds as of December 1, 1990. This was 155,000 birds or 19 percent above 1989. The December 1 inventory was valued at $3.86 million, 5 percent above 1989.

EGGS: The 1990 egg production totaled 136 million, up 12 percent from 1989. The production was from an average of 571,000 layers, 10 percent more than 1989. Gross income from egg production, including home consumption, totaled $11.8 million, up 15 percent from 1989.

BROILERS: Commercial broiler production totaled 41.0 million birds, up 16 percent from 1989. A total of 155.8 million pounds were produced, up 19 percent from the 130.8 million of 1989. The average price per pound was 33.5 cents, down from the 37.0 cents in 1989. The value of production was $52.2 million, an 8 percent increase from 1989.

TURKEYS: Turkeys raised totaled 3.9 million birds, 34 percent more than 1989. A total of 71.6 million pounds was produced, a 30 percent increase from the 55.1 million pounds in 1989. The average price per pound was 39.0 cents, down from the 42.0 cents of 1989. The total value of production was $27.9 million, up from the $23.1 million in 1989.

CHICKENS: Number on Farms and Value, 1981-1990 1/

Year	All Chickens	Hens & Pullets Of Laying Age	Hens & Pullets Not Of Laying Age	Other Chickens	Value	
					Per Bird	Total
	---------- (000) Birds ----------				-- Dollars --	-- (000) Dollars --
1981	812	609	150	53	2.45	1,989
1982	800	585	144	71	3.85	3,080
1983	870	610	180	80	4.00	3,480
1984	790	540	188	62	3.80	3,002
1985	710	471	195	44	4.15	2,947
1986	670	498	116	56	3.40	2,278
1987	790	618	118	54	3.15	2,489
1988	730	467	228	35	3.25	2,373
1989	810	500	280	30	4.55	3,686
1990	965	705	220	40	4.00	3,860

1/ Excludes Commercial Broilers

CHICKENS: Number of Birds, By Counties, 1989-1990 1/

County	Number of Birds 1989	Number of Birds 1990	County	Number of Birds 1989	Number of Birds 1990	County	Number of Birds 1989	Number of Birds 1990
Barbour	1,800	1,600	Boone	1,200	1,400	Berkeley	62,000	70,000
Brooke	500	500	Braxton	1,600	2,200	Grant	40,000	50,000
Doddridge	1,400	1,300	Cabell	1,100	1,500	Greenbrier	3,000	4,000
Hancock	3,500	3,800	Calhoun	900	1,100	Hampshire	84,000	93,000
Harrison	3,000	3,600	Clay	700	900	Hardy	482,000	575,000
Lewis	2,800	3,000	Fayette	600	800	Jefferson	3,500	5,400
Marion	1,500	2,000	Gilmer	1,200	1,000	Mineral	41,000	50,000
Marshall	2,500	3,500	Jackson	2,700	3,200	Monroe	3,000	4,000
Monongalia	2,800	3,750	Kanawha	3,500	4,200	Morgan	1,500	2,000
Ohio	900	1,100	Lincoln	2,000	2,500	Pendleton	2,800	7,300
Pleasants	500	600	Logan	250	300	Pocahontas	3,900	5,000
Preston	5,500	7,000	McDowell	150	200	Randolph	1,000	1,200
Ritchie	1,400	1,600	Mason	8,000	10,700	Summers	1,300	1,600
Taylor	500	500	Mercer	1,200	1,500	Tucker	2,000	2,500
Tyler	1,000	1,300	Mingo	1,500	1,000			
Upshur	1,500	2,450	Nicholas	7,500	8,500	EAST	731,000	871,000
Wetzel	1,400	1,400	Putnam	2,000	2,100			
Wood	2,500	3,000	Raleigh	900	1,100	STATE	810,000	965,000
			Roane	1,200	2,100			
NORTHWEST	35,000	42,000	Wayne	1,500	1,000			
			Webster	1,300	1,700			
			Wirt	1,200	1,500			
			Wyoming	1,800	1,500			
			SOUTHWEST	44,000	52,000			

1/ Excludes Commercial Broilers

CHICKENS AND EGGS: Number of Layers and Production, Quarterly, 1986-1990

Year	Dec.-Feb. [1]	March-May	June-Aug.	Sept.-Nov.	Annual
			Average Number of Layers (Thousand Birds)		
1986	478	481	482	491	483
1987	562	617	581	586	587
1988	603	586	571	513	568
1989	482	531	544	512	517
1990	510	548	581	645	571
			Eggs Per 100 Layers		
1986	5,439	5,821	5,809	5,499	22,567
1987	5,338	5,511	5,680	5,290	21,806
1988	5,307	5,802	5,604	5,458	22,183
1989	5,601 [2]	5,838	6,066	5,859	23,404
1990	5,686	6,204	6,196	5,736	23,822
			Total Eggs Produced (Million Eggs)		
1986	26	28	28	27	109
1987	30	34	33	31	128
1988	32	34	32	28	126
1989	27	31	33	30	121
1990	29	34	36	37	136

[1] December preceding year.
[2] Revised.

CHICKENS: Lost, Sold and Value, 1981-1990 [1]

Year	Number Lost	Number Sold	Pounds Sold	Average Price Per Pound	Value of Sales
	-- (000) Birds --		-- (000) --	-- Cents --	-- (000) Dollars --
1981	190	600	3,600	9.4	338
1982	120	600	3,600	8.7	313
1983	110	480	2,880	11.7	337
1984	100	500	3,000	15.5	465
1985	110	510	2,295	14.0	321
1986	104	400	1,800	12.0	216
1987	90	370	1,665	10.0	167
1988	80	480	2,160	8.6	186
1989	90	450	1,665 [2]	14.7	245 [2]
1990	42	600	2,280	14.2	324

[1] Estimates cover the 12 month period (December 1, previous year through November 30) and excludes commercial broilers.
[2] Revised.

EGGS: Production, Disposition and Income, 1981-1990

Year	Layers [1]	Eggs Produced Per Layer [2]	Total Eggs Produced	Price Per Dozen	Value of Production
	-- (000) --	-- Number --	-- Million Eggs --	-- Cents --	-- (000) Dollars --
1981	670	231	155	74.5	9,623
1982	612	230	141	76.0	8,930
1983	607	224	136	81.7	9,260
1984	577	229	132	92.8	10,208
1985	536	226	121	83.2	8,389
1986	483	226	109	82.2	7,466
1987	587	218	128	80.2	8,555
1988	568	222	126	94.8	9,954
1989	517	233	121	102.0	10,285
1990	571	238	136	104.0	11,787

[1] Average number during the year.
[2] Eggs produced during year divided by average layers on hand during year.

COMMERCIAL BROILERS: Production and Income, 1981-1990

Year	Number Produced	Pounds Produced	Average Price Per Pound	Value of Production
	----- (000) -----		-- Cents --	-- (000) Dollars --
1981	24,990	87,465	32.0	27,989
1982	26,140	94,104	28.5	26,820
1983	28,594	105,798	32.0	33,855
1984	26,020	96,274	37.0	35,621
1985	25,689	95,049	31.0	29,465
1986	29,010	104,436	36.5	38,119
1987	32,770	121,249	25.5	30,918
1988	35,166	130,114	33.5	43,588
1989 [1/]	35,338	130,751	37.0	48,378
1990	41,000	155,800	33.5	52,193

[1/] Revised

TURKEYS: Production and Income, 1981-1990

Year	Number Raised	Pounds Produced	Average Price Per Pound	Value of Production
	-- (000) Birds --	-- (000) Pounds --	-- Cents --	-- (000) Dollars --
1981	2,149	34,384	38.0	13,066
1982	2,115	34,686	39.0	13,528
1983	1,849	32,727	40.0	13,091
1984	2,300	45,540	51.0	23,225
1985	2,400	49,440	51.0	25,214
1986	2,220	43,734	49.0	21,430
1987	2,400	44,640	30.0	13,392
1988	2,300	42,320	38.0	16,082
1989	2,870	55,104	42.0	23,144
1990	3,850	71,610	39.0	27,928

1990 HONEY SUMMARY

Honey production in West Virginia totaled .90 million pounds during 1990, down 26 percent from 1989. The total number of colonies producing honey was 30,000, a decrease of 2,000 colonies from 1989. The yield per colony averaged 30.0 pounds, down from the 44.0 pounds in 1989. The average price per pound for honey was $1.04, up 27 cents from the 77 cents in 1989. The value of production totaled $936,000, down from the total of $1,084,000 in 1989.

HONEY: Number of Colonies, Production, Stocks and Values, 1986-1990

Year	Producing Colonies	Production		Average Price Per Pound	Value	Stocks [1/]
		Per Colony	Total			
	-- (000) --	-- Lbs. --	-- (000) Lbs. --	-- Dollars --	-- (000) Dollars --	-- (000) Lbs. --
1986	17	30.0	510.0	0.79	403.0	260.0 [2/]
1987	21	41.0	861.0	0.82	706.0	207.0
1988	30	35.0	1,050.0	0.75	788.0	630.0
1989	32	44.0	1,408.0	0.77	1,084.0	732.0
1990	30	30.0	900.0	1.04	936.0	594.0

[1/] January 1, following year.
[2/] Stocks as of December 15.

Income, Expenditures and Prices

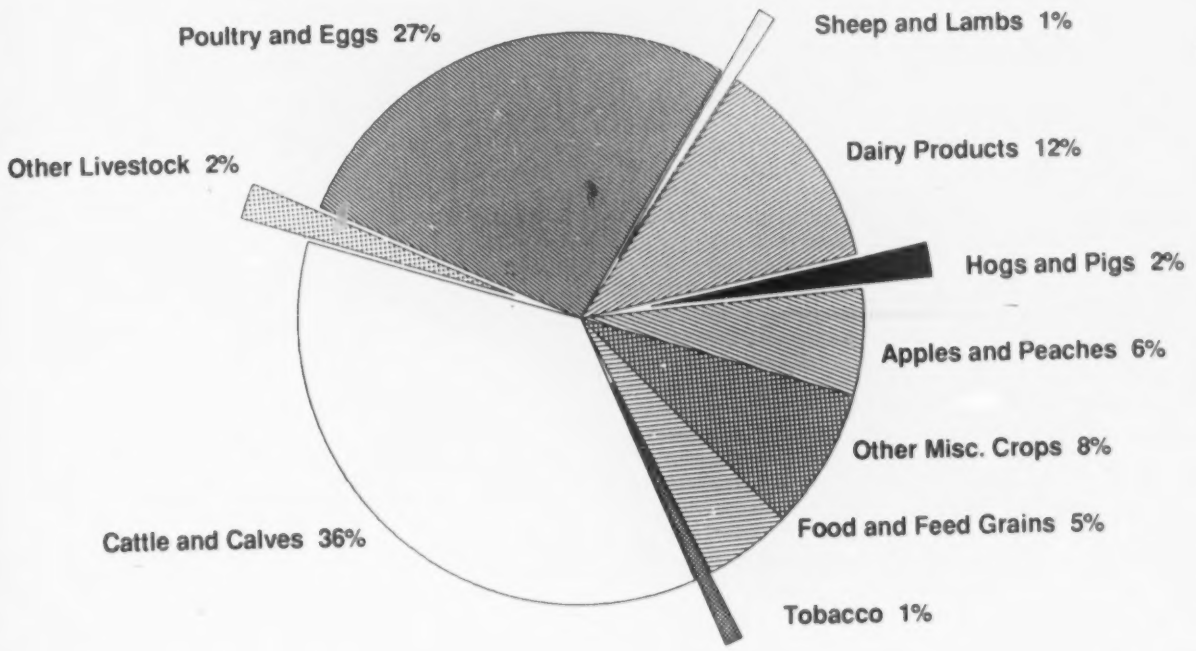
WEST VIRGINIA CASH RECEIPTS FROM FARM MARKETINGS: 1986-1990

Commodity	1986 [1]	1987 [1]	1988 [1]	1989 [1]	1990 [2]
			– (000) Dollars –		
Livestock Products	211,186	208,073	217,751	249,848	268,615
Cattle and Calves	86,616	94,989	96,993	115,898	121,821
Hogs	5,354	7,535	5,363	5,905	7,078
Sheep and Lambs	3,038	3,533	3,122	2,760	2,697
Dairy Products	46,632	43,904	37,049	37,405	38,878
Poultry and Eggs	64,845	53,039	69,816	82,244	92,239
Other Livestock	4,701	5,073	5,408	5,636	5,902
Crops	64,740	59,247	69,337	62,620	69,517
Food Grains	423	692	946	1,163	691
Feed Crops	13,536	13,020	12,854	16,416	16,582
Tobacco	4,282	3,833	3,782	3,895	4,205
Vegetables	1,992	1,850	1,650	2,600	3,570
Apples	25,744	21,688	27,989	18,136	19,121
Peaches	3,338	2,281	3,373	2,301	803
Other Misc. Crops [3]	15,425	15,883	18,743	18,109	26,151
All Commodities	275,926	267,320	287,088	312,468	338,132

[1] Revised.
[2] Preliminary.
[3] Includes greenhouse/nursery forest products.

WEST VIRGINIA CASH RECEIPTS

BY COMMODITY--1990



WEST VIRGINIA FARM INCOME INDICATORS: 1986-1990 [1/]

Item	1986	1987	1988	1989	1990
			---- Million Dollars ----		
Gross farm income [2/]	**356.7**	**357.8**	**392.3**	**415.4**	**458.9**
Cash income	332.1	323.7	341.9	369.4	393.1
Farm marketings	275.9	267.5	284.6	310.3	338.1
Crops	64.7	59.4	66.8	60.3	69.5
Livestock and products	211.2	208.1	217.8	250.0	268.6
Government payments	8.4	10.6	12.2	11.6	6.0
Other farm income	47.8	45.7	45.2	47.6	49.0
Machine hire/customwork	2.3	3.4	3.1	3.6	3.8
Other farm-related income [3/]	45.5	42.2	42.1	44.0	45.2
Noncash income	51.9	44.0	47.3	43.8	45.1
Value of home consumption	21.4	9.7	10.1	6.9	8.3
Rental value of dwellings [4/]	30.6	34.4	37.3	36.9	36.8
Operator and other dwellings	29.9	33.7	36.6	36.2	36.1
Hired laborer dwellings	.7	-	.7	.6	.7
Value of inventory adjustment	-27.4	-9.9	3.0	2.2	20.6
Total production expenses [2/]	**313.8**	**305.3**	**345.1**	**364.9**	**377.0**
Intermediate product expenses	165.3	164.2	193.5	195.8	204.5
Farm origin	73.3	71.5	93.9	93.9	98.5
Feed purchased	50.8	48.8	63.9	66.3	65.4
Livestock and poultry purchased	19.0	19.0	26.3	23.7	29.1
Seed purchased	3.5	3.6	3.8	4.0	4.0
Manufactured inputs	31.5	31.4	32.9	34.0	35.8
Fertilizer and lime	10.7	10.1	10.9	11.4	11.2
Pesticides	5.2	5.4	5.5	6.5	6.9
Fuel and oil	12.1	11.6	12.0	12.2	13.9
Electricity	3.6	4.3	4.5	3.9	3.9
Other	60.5	61.3	66.7	67.9	70.2
Repair and maintenance	29.7	28.9	34.0	35.6	33.6
Other miscellaneous [5/]	30.7	32.4	32.7	32.3	36.6
Interest	29.9	24.9	31.2	43.2	43.1
Real estate	19.5	16.0	21.3	32.2	31.7
Nonreal estate	10.4	9.0	9.9	11.0	11.4
Contract and hired labor expenses	21.9	23.4	24.0	26.6	29.4
Cash labor expenses [6/]	20.9	22.3	23.0	25.5	28.2
Perquisites	.9	1.1	1.1	1.0	1.1
Net rent to nonoperator landlords	1.1	1.4	1.8	-.3	-.2
Capital consumption	89.6	84.9	88.2	92.8	92.7
Property taxes	5.9	6.4	6.4	6.8	7.4
NET FARM INCOME	**42.9**	**52.6**	**47.2**	**50.6**	**82.0**
Cash income [7/]	332.1	323.7	341.9	369.4	393.1
Cash expenses [7/]	216.6	211.9	247.7	262.4	273.6
Intermediate product expenses	161.1	159.0	187.9	191.4	199.3
Interest	28.4	23.9	29.8	40.3	40.2
Cash labor expenses [6/]	20.9	22.3	23.0	25.5	28.2
Net rent to nonoperator landlords	1.1	1.4	1.8	-.3	-.2
Property taxes	5.1	5.4	5.3	5.5	6.0
NET CASH INCOME	115.6	111.8	94.2	107.0	119.5
Cash income [7/]	332.1	323.7	341.9	369.4	393.1
Cash expenses [7/]	216.6	211.9	247.7	262.4	273.6
Capital consumption [7/]	80.2	74.3	76.5	81.0	81.0
NET BUSINESS INCOME [8/]	35.4	37.5	17.7	26.0	38.5
Gross receipts of farms [9/]	326.8	324.1	355.7	379.2	422.8
Nonfactor payments [7/]	246.3	238.7	269.7	277.9	286.3
Intermediate product expenses	161.1	159.0	187.9	191.4	199.3
Capital consumption	80.2	74.3	76.5	81.0	81.0
Property taxes	5.1	5.4	5.3	5.5	6.0
Factor payments [7/]	80.5	85.5	85.9	101.3	136.5
Interest	28.4	23.9	29.8	40.3	40.2
Contract and hired labor expenses	21.9	23.4	24.0	26.6	29.4
Net rent to nonoperator landlords	1.1	1.4	1.8	-.3	-.2
RETURNS TO OPERATORS [10/]	29.1	36.8	30.4	34.7	67.0
Off-farm income [11/]	416.3	420.5	417.2	418.2	488.9
Number of farms	21,000	21,000	21,000	21,000	20,500

* Footnotes for this table are located on page 36.

FARM PRODUCTION EXPENDITURES: Appalachian Region [1], 1989-1990

Appalachian Region	Farms Reporting	1989 Average Per Farm	Total Expenditures	1990 Total Expenditures
	-- Percent --	-- Dollars --	-- (000) Dollars --	
Total Farm Production Expenditures	100.0	57,478	9,171,201	9,427,916
Livestock and Poultry Purchases	40.2	6,468	1,080,615	902,146
Feed	72.4	8,408	1,900,688	1,529,879
Farm Services	97.9	12,335	1,591,722	1,806,843
Agricultural Chemicals	61.9	2,098	303,911	320,462
Fertilizer	68.5	3,317	572,160	594,983
Interest	50.8	3,879	546,650	600,151
Taxes	94.5	1,930	193,705	235,544
Labor	44.5	5,232	733,141	961,035
Fuels and Lubricants	91.0	2,053	324,791	415,830
Farm Supplies	69.8	1,085	159,984	231,602
Building and Fencing	54.0	1,060	270,115	331,945
Farm and Land Improvements	17.4	408	50,098	53,135
Total Farm Machinery	84.3	5,937	1,008,904	982,978
Seeds and Plants	61.7	1,778	205,921	223,214
Trucks and Autos	16.8	982	209,174	220,619
Other Unallocated Expenses	1.6	61	19,622	17,555

[1] Kentucky, North Carolina, Tennessee, Virginia and West Virginia.

FARM LABOR: Number of Workers and Hours Worked Appalachian Region II [1], By Survey Week, 1989-1990 [2]

Year and Survey Week	Number of Workers			Total	Hours Worked		
	Self-Employed	Unpaid Family	All Hired		Self-Employed	Unpaid Family	All Hired
1989:							
January 8-14 [3]	100.0	18.0	31.0	149.0	24.7	32.7	37.3
April 9-15	108.0	24.0	33.0	165.0	28.6	32.0	37.2
July 9-15	150.0	36.0	48.0	234.0	27.4	28.7	32.5
October 8-14	150.0	32.0	46.0	228.0	25.8	35.8	32.6
1990:							
January 7-13	142.0	16.0	39.0	197.0	22.0	28.7	31.6
April 8-14	150.0	26.0	34.0	210.0	21.7	30.6	34.9
July 8-14	142.0	31.0	38.0	211.0	26.2	30.9	29.7
October 7-13	145.0	36.0	50.0	231.0	27.1	30.2	30.0

FARM LABOR: Wage Rates for Hired Workers, Appalachian Region II [1], By Survey Week 1989-1990 [2]

Year and Survey Week	All Hired	Type of Worker				Method of Pay		
		Field	Livestock	Supervisory	Other [4]	Hourly	Piece Rate	Other [5]
	-- Dollars Per Hour --							
1989:								
January 8-14 [3]	4.74	4.33	4.71	7.53	6.06	4.50	5.59	5.07
April 9-15	4.76	4.21	4.76	8.64	5.99	4.70	[6]	4.97
July 9-15	4.69	4.43	4.69	6.68	[6]	4.65	[6]	4.84
October 11-17	4.56	4.21	4.33	7.13	[6]	4.42	[6]	4.85
1990:								
January 7-13	4.79	4.19	4.61	8.33	6.58	4.40	5.67	6.13
April 8-14	4.64	4.33	4.48	8.24	[6]	4.55	[6]	4.87
July 8-14	4.98	4.75	4.82	8.28	[6]	4.85	[6]	5.25
October 7-13	4.94	4.43	4.79	7.69	6.94	4.61	[6]	5.41

[1] Includes Kentucky, Tennessee and West Virginia.
[2] Excludes Agricultural Service Workers.
[3] First year for estimate.
[4] Includes machine operators, bookkeepers, buyers, etc.
[5] Includes wages based on salary or commission by day, week, etc.
[6] Insufficient data.

PRICES RECEIVED: Marketing Season Average, Selected Crops, 1981-1990

Year	Crop				
	Corn Per Bushel	All Hay Per Ton	Oats Per Bushel	Winter Wheat Per Bushel	Peaches Per Pound
	-------- Dollars --------				-- Cents --
1981	2.64	63.00	1.90	3.65	15.3
1982	2.62	64.00	1.50	3.35	23.3
1983	3.31	71.00	1.65	3.45	13.8
1984	2.71	70.00	1.75	3.35	17.0
1985	2.23	60.00	1.20	2.95	-
1986	1.50	55.00	1.00	2.40	14.5
1987	1.96	59.00	1.45	2.50	13.3
1988	2.60	78.00	2.60	3.70	16.9
1989	2.40 1/	74.50	1.45	3.80 1/	25.6
1990	2.25	70.00	1.15	2.70	26.8

1/ Revised.

PRICES RECEIVED: Monthly Apples and Tobacco, 1986-1990

Crop Year	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
	----- Cents Per Pound -----											
	Apples (Fresh Market)											
1986	-	-	17.5	16.5	16.0	16.5	15.0	16.0	16.0	15.5	-	-
1987	-	-	13.5	12.2	10.3	10.3	16.5	16.5	17.0	17.0	-	-
1988	-	-	15.1	15.0	13.8	11.6	10.9	12.9	10.9	10.9	-	-
1989	-	-	19.7	17.7	18.7	15.7	13.8	11.6	13.8	13.8	-	-
1990	-	-	19.8	18.2	18.2	16.6	16.6	17.9	17.9	17.9	-	-
	Tobacco											
1986	-	-	-	-	156.3	155.0	156.7	154.1	-	-	-	-
1987	-	-	-	-	153.2	147.5	150.5	-	-	-	-	-
1988	-	-	-	-	157.9	155.0	133.4	-	-	-	-	-
1989	-	-	-	-	164.5	165.5	148.5	-	-	-	-	-
1990	-	-	-	-	173.5	174.0	176.0	-	-	-	-	-

PRICES RECEIVED: Annual Average, Cattle, 1981-1990

Year	Cows	Steers & Heifers	All Beef 1/	Calves
		----- Dollars Per Cwt. -----		
1981	38.90	52.30	47.50	66.90
1982	37.70	48.00	43.10	61.10
1983	38.30	47.50	43.10	58.60
1984	35.20	52.30	45.50	53.00
1985	32.60	55.00	46.00	56.50
1986	30.70	53.10	46.40	56.20
1987	39.90	65.00	57.50	68.70
1988	43.90	73.00	64.00	81.50
1989	45.00	71.60	64.00	80.50
1990	46.50	77.50	72.90	84.50

1/ Cows, steers and heifers combined.

PRICES RECEIVED: Annual Average, Dairy, 1981- 1990

Year	Milk Cows	All Milk Sold To Plants	Retailed By Farmers
	-- Dollars --	-- Dollars Per Cwt. --	-- Dollars Per Quart --
1981	1,000.00	13.80	.59
1982	1,000.00	13.60	.54
1983	855.00	13.60	.55
1984	855.00	13.40	.59
1985	845.00	12.90	.60
1986	815.00	12.40	.65
1987	850.00	12.50	.70
1988	940.00	12.20	.70
1989	1,000.00	13.50	.70
1990	1,080.00	14.30	.73

PRICES RECEIVED: Annual Average, Hogs, Sheep and Wool, 1981-1990

Year	Hogs			Sheep & Wool		
	Barrows & Gilts	Sows	All Hogs	Lambs	Sheep	Wool
	——— Dollars Per Cwt. ———					– Cents Per Lb. –
1981	45.20	38.50	44.60	54.30	17.90	87
1982	53.90	48.60	53.40	52.60	16.80	40
1983	47.50	39.40	46.70	48.10	12.70	46
1984	49.30	42.00	49.40	59.50	13.50	79
1985	44.40	36.80	44.00	67.80	17.50	58
1986	48.70	41.90	48.00	66.50	19.30	65
1987	52.90	43.30	52.50	74.10	23.70	62
1988	42.70	32.40	42.00	63.40	19.80	91
1989	41.00	32.40	40.50	61.00	18.00	81
1990	53.00	44.30	52.60	51.00	16.00	36

PRICES RECEIVED: Annual Average, Poultry, 1981-1990

Year	Broilers	Other Chickens	Market Eggs 1/	All Eggs	Turkeys
	– Cents Per Lb. –		– Cents Per Dozen –		– Cents Per Lb. –
1981	32.0	9.4	-	74.5	38.0
1982	28.5	8.7	70.5	76.0	39.0
1983	32.0	11.7	60.8	81.7	40.0
1984	37.0	15.5	80.0	92.8	51.0
1985	31.0	14.0	61.0	83.2	51.0
1986	36.5	12.0	65.0	82.2	49.0
1987	25.5	10.0	58.0	80.2	30.0
1988	33.5	8.6	55.7	94.8	38.0
1989	37.0	14.7	66.0	102.0	42.0
1990	33.5	14.2	66.6	104.0	39.0

1/ Not available prior to 1982.

PRICES PAID FUEL: Quarterly and Annual Average, Appalachian Region 1/, 1990

Type	January	April	July	October	Annual
			---- Dollars Per Gallon ----		
Gasoline, Unleaded 2/	1.09	1.08	1.08	1.37	1.16
Gasoline, Leaded	1.11	1.10	1.08	1.37	1.17
Diesel Fuel	1.13	.87	.77	1.24	1.00
L. P. Gas	1.23	.98	.83	1.12	1.04

1/ Prices include all taxes. Appalachian region consists of Kentucky, North Carolina and Tennessee.
2/ Prices pumped at service station. All other types of gasoline are bulk delivery prices.

PRICES PAID FEED: Quarterly and Annual Average, Appalachian Region 1/, 1990

Type	January	April	July	October	Annual
			— Dollars Per Ton —		
Beef Concentrate 32-36%	270.00	267.00	256.00	270.00	265.75
Corn Meal	152.00	154.00	160.00	160.00	156.50
Dairy Feed 16%	191.00	192.00	191.00	181.00	188.75
Dairy Concentrate 32%	282.00	269.00	264.00	251.00	266.50
Hog Concentrate 38-42%	330.00	309.00	307.00	304.00	312.50
Laying Feed	188.00	192.00	200.00	187.00	191.75
Soybean Meal 44%	276.00	260.00	278.00	264.00	269.50

1/ Kentucky, North Carolina, Tennessee, West Virginia and Virginia.

FERTILIZER: Mixtures and Materials Sold, By Kinds, 1989-1990

Analysis	1989	1990	Analysis	1989	1990
	--- Tons ---			--- Tons ---	
5-10-10	3,262	3,634	Ammonium Nitrate	950	1,803
5-10-15	680	652	Ammonium Sulphate	322	189
6-24-24	690	577	Nitrogen Solutions	4,907	5,497
10-10-10	4,030	4,895	Sodium Nitrate	15	0
10-20-10	374	306	Urea	4,109 1/	4,077
10-20-20	6,286	6,194	Other Nitrate	653	1,490
12-12-12	1,652	1,689	Total Nitrogen	11,046	13,093
12-24-24	348	376	Total Phosphorus	3,568	3,363
15-15-15	886	668	Potassium Chloride	6,932	7,181
15-30-15	813	1,275	Other Potash	10 1/	22
18-46-0	5,601	6,602	Total Potash	7,012 1/	7,286
19-19-19	3,295	3,387	Total Mixtures	33,713	40,474
All Other	5,844 1/	6,844 1/	Total Other 2/	6,043	76
Total Mixtures	33,713	40,474	Total Fertilizer Sold	61,382	64,292

1/ Revised.
2/ Includes Natural Organics and Secondary and Micronutrients.
Source: Tennessee Valley Authority - National Fertilizer Development Center.

* Footnotes for the **WEST VIRGINIA FARM INCOME INDICATORS: 1986-1990** table, located on page 32.

[1]Contains revised data for many components for 1986 forward. The majority of the revisions are due to the incorporation of data from the *1987 Census of Agriculture* and the *1988 Agricultural Economics and Land Ownership Survey*, which was published since the last volume of the *State Financial Summary*.

[2]Includes operator dwellings. New computational procedures and data sources are used in deriving the gross imputed rental income and expenses related to farm dwellings.

[3]Includes forest product sales, custom feeding services, and other farm business-related income.

[4]New methodology and data sources are used to compute the gross rental value of farm dwellings for 1984 forward.

[5]Includes machine hire and customwork expenses; marketing, storage, and transportation expenses; and miscellaneous expenses.

[6]Includes contract labor expenses, hired labor wages, and Social Security payments.

[7]Excludes operator dwellings.

[8]Cash income less cash expenses and capital consumption.

[9]Gross farm income less rental value of operator dwellings.

[10]Gross receipts of farm businesses less nonfactor payments, interest, contract and hired labor expenses, and net rent to nonoperator landlords. Returns to operators is equivalent to net farm income excluding the gross imputed rental income and expenses related to farm dwellings.

[11]Includes off-farm cash income for the principal farm operator and members of that farm operator's family.

DEPARTMENT OF
STATE OF WEST VIRGINIA
AGRICULTURE